1931

1931

CALENDAR

1931	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
JAN.	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
FEB.	..	..	..	..	..	..	..
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
MAR.	..	..	..	..	..	..	..
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	..	..	..	..
APRIL	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	..	..
MAY	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31	..	..	..	..	..	..
JUNE	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	..	..	..	..

1931	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
JULY	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	..
AUG.	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31	..	..	..	..	..
SEPT.	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	..	..	..
OCT.	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
NOV.	..	..	..	..	..	..	..
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	..	..	..	..	..
DEC.	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	..	..

OAt 1,75

POSTAGE

CLASSIFICATION	DOMESTIC	FOREIGN
Letters, First Class Matter...	2c. per oz. °°	°
Post Cards (Private).....	1c. each	°
Postal Cards (Government)...	1c. each	°
Newspapers, Magazines, Periodicals.....	1c. for each 2 ozs.	°
Circulars and miscellaneous printed matter, also mdse.....	1½c. for each 2 ozs.‡	°
Merchandise, catalogs, etc., over 8 ozs.....	Zone rates apply	°

REGISTRY FEE. In addition to postage, Foreign 10c. Domestic first-class and sealed fourth-class mail prepaid with first-class postage, indemnified for $50.00 or less, fee 15c.; $100.00 or less, 20c. Return receipt 3c. extra. Indemnity limited to $1000.00, see P. O. for other rates.

°°Drop letters, 1c. per oz.

‡The rate on printed books or catalogs having 24 or more pages, seeds, bulbs, etc., weighing 8 ozs. or less, is 1c. for each 2 ozs. or fraction thereof.

°For foreign rates and conditions, inquire at Post Office.

DOMESTIC: SPECIAL DELIVERY. - First-class. - A special delivery stamp or ten cents' worth of ordinary stamps and the words "Special Delivery" marked on the envelope or wrapper, in addition to the regular postage, secures the special delivery of any piece of mail matter weighing not more than 2 lbs., including parcel post packages, within one mile of any U. S. post office. On mail matter weighing more than 2 lbs., but not more than 10 lbs., 20c.; over 10 lbs., 25c.

REFORWARDING.--First-class matter (Letters, postal cards, etc.,) will be forwarded without extra postage. Other matter requires a new prepayment of postage.

Mail matter for Hawaii, Porto Rico, the Phillipines, The Island of Guam and Tutuila, the "Canal Zone", and the Virgin Islands of the U.S., is subject to domestic rates and conditions.

AIR MAIL. Where air routes are established rate is 5c. for first oz. or fraction thereof and 10c. for each additional oz. or fraction thereof. Mailable matter of any class not liable to freezing may be sent. Must be plainly marked "VIA AIR MAIL". Fifty lbs. maximum weight.

DOMESTIC PARCEL POST.--Merchandise may be sent by domestic parcel post, the rates depending on weight and distance, concerning which inquire at Post Office.

REQUIREMENTS.--Sender's name and address must appear on package--otherwise unmailable; parcels over four ounces must be mailed at post office or place designated--not in street boxes; contents easily examined; limit of size, 84 inches in length and girth combined.

SPECIAL HANDLING.--10c. postage affixed to a parcel, in addition to the regular postage charges, with the words "Special Handling" written or printed on the wrapper, secures the same expeditious handling of a fourth-class article not more than 2 lbs., as accored first-class mail, over 2 and up to ten lbs., 15c.; over 10 lbs., 20c.

Subject to change after going to press.

THE EXCELSIOR DIARY

Trade Mark.

1931

Church Calendar
1931

JANUARY
1 Circumcision
6 Epiphany
11 i Sun. after Epiphany
18 ii " " "
25 Conv. of St. Paul

FEBRUARY
1 Septuagesima
2 Purification, B.V.M.
8 Sexagesima
15 Quinquagesima
17 Shrove Tuesday
18 Ash Wednesday
22 Quadragesima

MARCH
1 ii Sunday in Lent
8 iii " " "
15 iv " " "
22 v Sunday in Lent
25 Annunciation
29 Palm Sunday

APRIL
3 Good Friday
5 Easter Sunday
12 Low Sunday
19 ii Sunday after Easter
23 St. George's Day
25 St. Mark's Day
26 iii Sunday after Easter

MAY
1 St. Philip & St. James
3 iv Sunday after Easter
10 Rogation Sunday
14 Ascension (Holy) Thu.
24 Whitsunday-Pentecost
31 Trinity Sunday

JUNE
4 Corpus Christi
7 i Sun. after Trinity
14 ii " " "
21 iii " " "
24 St John the Baptist
28 iv Sun. after Trinity
29 Sts. Peter & Paul

JULY
5 v Sun. after Trinity
12 vi " " "
19 vii " " "
25 St. James
26 viii Sun. after Trinit

AUGUST
2 ix Sun. after Trinity
6 Transfiguration
9 x Sun. after Trin
16 xi " " "
23 xii " " "
24 St. Bartholomew
30 xiii Sun. after Trini

SEPTEMBER
6 xiv Sun. after Trin
13 xv " " "
20 xvi " " "
27 xvii " " "
29 St. Michael & All Ang

OCTOBER
4 xviii Sun. after Trin
11 xix " " "
18 St. Luke
25 xxi Sun after Trini
28 Simon & Jude

NOVEMBER
1 All Saints' Day
2 All Souls' Day
8 xxiii Sun. after Trin
15 xxiv " " "
22 xxv " " "
26 Thanksgiving Day
29 i Sunday in Advent
30 St. Andrew

DECEMBER
6 ii Sun. in Advent
13 iii " " "
20 iv " " "
21 St. Thomas
25 Christmas Day
26 St. Stephen
27 St. John the Evange
28 Holy Innocents

1931
TIDE TABLES
FOR

SAN DIEGO (La Playa)
SAN FRANCISCO (Fort Point)
ASTORIA (Columbia River)
PORT TOWNSEND (Puget Sound)
SEATTLE (Madison Street)

AS FURNISHED BY THE

U. S. Coast & Geodetic Survey

Note.—The tables of tides for San Francisco, San Diego, Port Townsend, Seattle and Astoria are obtained from the United States Coast and Geodetic Survey. These tides are extremely irregular, both as regards interval and height.

The two tides may occur either during the same morning or during the same afternoon. 0 h. 00 m. is midnight and 12 h. 00m. is noon. An A. M. tide in the P. M. column is marked a; a P. M. tide in the A. M. column is marked p. The height is reckoned from the level of average lower low waters, for which the soundings are given on the coast and geodetic survey charts. These predicted times are all in "Pacific Standard Time," 120th Meridan W. eight hours slower than Greenwich time. The large tide is distinguished by the letter l, and the asterisk (*) denotes that both tides are of the same height.

During the period from the last Sunday in March to the last Sunday in October, if it is desired to change to Daylight saving time add one hour to the Predictions.

High Tides

AT SAN DIEGO

JANUARY

D	First	Second	D	First	Second
1	6.25 l	8.19	17	8.00 l	9.50
2	7.08 l	9.01	18	8.36 l	10.20
3	7.48 l	9.42	19	9.11 l	10.48
4	8.30 l	10.22	20	9.45 l	11.14
5	9.15 l	11.05	21	10.15 l	11.40
6	10.00 l	11.46	22	10.46	
7	10.48		23	0.11	11.18al
8	0.32	11.39al	24	0.42 l	11.55a
9	1.19	12.38 l	25	1.19 l	12.47
10	2.10 l	1.53	26	2.03 l	2.22
11	3.04 l	3.32	27	2.58 l	4.58
12	4.00 l	5.22	28	4.01 l	6.40
13	4.56 l	6.52	29	5.04 l	7.32
14	5.48 l	7.55	30	6.00 l	8.11
15	6.36 l	8.42	31	6.50 l	8.45
16	7.19 l	9.18			

FEBRUARY

D	First	Second	D	First	Second
1	7.36 l	9.19	17	8.57 l	10.01
2	8.22 l	9.53	18	9.27 l	10.22
3	9.07 l	10.29	19	9.58 l	10.46
4	9.53 l	11.04	20	10.27 l	11.06
5	10.41 l	11.42	21	10.59	11.30 l
6	11.32		22	11.35	11.58 l
7	0.24 l	12.29	23		12.25
8	1.12 l	1.46	24	0.36 l	2.12
9	2.08 l	3.39	25	1.32	
10	3.13 l	6.00	26	3.00	
11	4.25 l	7.13	27	4.29 l	7.19
12	5.32 l	7.56	28	5.40 l	7.46
13	6.27 l	8.28			
14	7.12 l	8.54			
15	7.52 l	9.17			
16	8.26 l	9.42			

MARCH

D	First	Second	D	First	Second
1	6.36 l	8.13	17	8.09 l	8.54
2	7.25 l	8.44	18	8.40 l	9.13
3	8.12 l	9.14	19	9.11 l	9.33
4	8.57 l	9.47	20	9.42	9.53 l
5	9.44 l	10.20	21	10.15	10.14 l
6	10.34	10.56 l	22	10.50	10.35 l
7	11.24	11.34 l	23	11.32	11.02 l
8		12.26	24	12.36p	11.38 l
9	0.18 l	1.50	25		
10	1.14		26	0.37	
11	2.29 l	6.28	27	2.17 l	6.26
12	4.01 l	7.06	28	4.03 l	6.43
13	5.18 l	7.31	29	5.19 l	7.08
14	6.16 l	7.54	30	6.19 l	7.34
15	7.00 l	8.15	31	7.11 l	8.03
16	7.37 l	8.34			

APRIL

D	First	Second	D	First	Second
1	8.01 l	8.35	17	8.59	8.48 l
2	8.49	9.06 l	18	9.34	9.10 l
3	9.39	9.39 l	19	10.10	9.33 l
4	10.27	10.14 l	20	10.52	10.06 l
5	11.22	10.51 l	21	11.47	10.30 l
6	12.28 p	11.33 l	22	1.07 p	11.13 l
7		2.13	23		
8	0.24		24	0.15	
9	1.47 l	6.06	25	1.56 l	5.30
10	3.27 l	6.29	26	3.38 l	5.57
11	4.52 l	6.50	27	4.59*	6.24
12	5.50 l	7.10	28	6.04	6.54 l
13	6.36 *	7.29	29	7.01	7.22 l
14	7.14	7.48 l	30	7.54	7.57 l
15	7.50	8.08 l			
16	8.25	8.27 l			

MAY

D	First	Second	D	First	Second
1	8.45	8.31 l	17	9.31	8.39 l
2	9.35	9.06 l	18	10.14	9.09 l
3	10.27	9.41 l	19	11.02	9.42 l
4	11.24	10.19 l	20	12.01 p	10.22 l
5	12.33 p	11.00 l	21	1.15 p	11.10 l
6		11.46	22		2.38
7			23	0.12 l	3.44
8	0.56 l	5.15	24	1.37 l	4.27
9	2.30 l	5.36	25	3.14	5.05 l
10	4.00	5.58 l	26	4.40	5.40 l
11	5.10	6.19 l	27	5.56	6.16 l
12	6.04	6.40 l	28	6.57	6.52 l
13	6.50	7.01 l	29	7.55	7.28 l
14	7.32	7.23 l	30	8.50	8.05 l
15	8.13	7.48 l	31	9.40	8.43 l
16	8.51	8.13 l			

JUNE

D	First	Second	D	First	Second
1	10.29	9.20 l	17	11.01	9.40 l
2	11.20	10.00 l	18	11.49	10.22 l
3	12.17 p	10.37 l	19	12.41 p	11.11 l
4	1.22 p	11.21 l	20		1.37
5		2.33	21	0.09 l	2.32
6	0.10 l	3.33	22	1.23	3.23 l
7	1.17*	4.17	23	2.55	4.12 l
8	2.46	4.49 l	24	4.30	4.59 l
9	4.15	5.18 l	25	5.58	5.45 l
10	5.30	5.47 l	26	7.09	6.29 l
11	6.32	6.16 l	27	8.08	7.10 l
12	7.23	6.45 l	28	8.57	7.52 l
13	8.08	7.17 l	29	9.41	8.32 l
14	8.51	7.50 l	30	10.22	9.10 l
15	9.34	8.24 l			
16	10.16	9.00 l			

High Tides

AT SAN DIEGO

JULY

D	First	Second	D	First	Second
1	11.01	9.46 l	17	11.17	10.21 l
2	11.40	10.22 l	18	11.56	11.09 l
3	12.19 p	10.57 l	19		12.39
4	1.00 p	11.36 l	20	0.03 l	1.27
5		1.43	21	1.11	2.22 l
6	0.20 l	2.28	22	2.43	3.21 l
7	1.23	3.15 l	23	4.40	4.23 l
8	3.06	4.01 l	24	6.23	5.24 l
9	5.03	4.51 l	25	7.30	6.16 l
10	6.27	5.32 l	26	8.17	7.04 l
11	7.24	6.14 l	27	8.55	7.46 l
12	8.09	6.53 l	28	9.27	8.26 l
13	8.47	7.34 l	29	9.57	9.01 l
14	9.24	8.16 l	30	10.24	9.34 l
15	10.00	8.55 l	31	10.51	10.06 l
16	10.37	9.36 l			

AUGUST

D	First	Second	D	First	Second
1	11.18	10.36 l	17	11.48 l	11.57
2	11.44	11.08 l	18		12.33
3	12.12pl	11.42	19	1.07	1.24 l
4		12.44	20	2.52	2.31 l
5	0.28	1.24 l	21	5.24	3.51 l
6	2.00	2.24 l	22	6.50	5.09 l
7		3.38	23	7.32	6.11 l
8		4.48	24	8.05	7.00 l
9	7.32	5.47 l	25	8.32	7.40 l
10	8.00	6.36 l	26	8.56	8.15 l
11	8.28	7.22 l	27	9.19	8.49 l
12	8.58	8.04 l	28	9.40	9.20 l
13	9.28	8.47 l	29	10.00	9.50 l
14	10.01	9.30 l	30	10.21*	10.19
15	10.34	10.15 l	31	10.42 l	10.50
16	11.08	11.03 l			

SEPTEMBER

D	First	Second	D	First	Second
1	11.02 l	11.21	17	1.14	12.33 l
2	11.26		18	3.24	1.48 l
3	0.03	11.57al	19	6.03	3.25 l
4	1.33	12.43 l	20	6.40	4.54 l
5		2.17	21	7.09	6.00 l
6		4.04	22	7.34	6.48 l
7	7.14	5.20 l	23	7.56	7.26 l
8	7.31	6.19 l	24	8.16	8.01 l
9	7.55	7.06 l	25	8.38	8.33 l
10	8.21	7.52 l	26	8.56 l	9.04
11	8.50	8.37 l	27	9.15 l	9.36
12	9.20	9.22 l	28	9.34 l	10.07
13	9.51 l	10.10	29	9.53 l	10.42
14	10.26 l	11.01	30	10.13 l	11.19
15	11.01 l	11.57			
16	11.43				

OCTOBER

D	First	Second	D	First	Second
1	10.37		17		1.08
2	0.14	11.05al	18	5.23	2.47 l
3	11.49		19	6.00	4.21 l
4		1.14	20	6.28	5.33 l
5		3.20	21	6.50*	6.24
6	6.30	4.51 l	22	7.13 l	7.06
7	6.50	5.57 l	23	7.32 l	7.43
8	7.12	6.51 l	24	7.52 l	8.20
9	7.40	7.40 l	25	8.13 l	8.56
10	8.10 l	8.29	26	8.33 l	9.29
11	8.41 l	9.17	27	8.54 l	10.06
12	9.14 l	10.08	28	9.17 l	10.46
13	9.49 l	11.02	29	9.41 l	11.32
14	10.29		30	10.09	
15	0.02	11.08al	31	0.40	10.45al
16	1.27	11.56al			

NOVEMBER

D	First	Second	D	First	Second
1	11.34		17	4.58 l	3.25
2		12.54	18	5.31 l	4.47
3	5.04	2.43 l	19	5.58 l	5.52
4	5.31	4.19 l	20	6.22 l	6.44
5	6.00*	5.34	21	6.45 l	7.30
6	6.28 l	6.36	22	7.09 l	8.12
7	7.00 l	7.33	23	7.34 l	8.51
8	7.33 l	8.25	24	8.01 l	9.30
9	8.08 l	9.18	25	8.27 l	10.10
10	8.45 l	10.10	26	8.56 l	10.53
11	9.23 l	11.05	27	9.28 l	11.43
12	10.03		28	10.04	
13	0.07	10.45al	29	0.40	10.46al
14	1.23	11.32al	30	1.47	11.37al
15	2.54	12.32 l			
16	4.10	1.54 l			

DECEMBER

D	First	Second	D	First	Second
1	2.52	12.46 l	17	4.14 l	3.45
2	3.45	2.18 l	18	4.51 l	5.16
3	4.27 l	3.53	19	5.24 l	6.28
4	5.07 l	5.20	20	5.58 l	7.24
5	5.45 l	6.32	21	6.30 l	8.11
6	6.24 l	7.34	22	7.04 l	8.52
7	7.05 l	8.31	23	7.38 l	9.31
8	7.45 l	9.24	24	8.12 l	10.08
9	8.25 l	10.15	25	8.47 l	10.48
10	9.08 l	11.03	26	9.24 l	11.27
11	9.50 l	11.53	27	10.04	
12	10.29		28	0.10	10.47al
13	0.48	11.12al	29	0.57	11.37al
14	1.45	12.00 l	30	1.46	12.39 l
15	2.41	12.57 l	31	2.35 l	2.00
16	3.32 l	2.14			

High Tides

AT SAN FRANCISCO

JANUARY

D	First	Second	D	First	Second
1	8.12 l	10.48	17	9.55	
2	8.51 l	11.35	18	0.18	10.35al
3	9.35		19	0.54	11.14al
4	0.20	10.21al	20	1.28	11.52al
5	1.02	11.08al	21	2.00	12.28 l
6	1.45	12.00 l	22	2.32	1.09 l
7	2.27	12.55 l	23	3.03 l	1.56
8	3.10	1.57 l	24	3.33 l	2.55
9	3.53 l	3.10	25	4.02 l	4.16
10	4.36 l	4.36	26	4.35 l	5.55
11	5.21 l	6.10	27	5.13 l	7.30
12	6.07 l	7.41	28	5.56 l	8.47
13	6.54 l	9.00	29	6.45 l	9.44
14	7.40 l	10.02	30	7.38 l	10.30
15	8.28 l	10.54	31	8.32 l	11.11
16	9.14 l	11.37			

FEBRUARY

D	First	Second	D	First	Second
1	9.25 l	11.48	17	0.13	11.08al
2	10.16		18	0.41	11.45al
3	0.26	11.09al	19	1.05	12.24 l
4	1.03	12.03 l	20	1.29 l	1.06
5	1.40	1.00 l	21	1.52 l	1.53
6	2.18 l	2.03	22	2.15 l	2.52
7	2.58 l	3.14	23	2.39 l	4.09
8	3.40 l	4.39	24	3.11 l	5.44
9	4.29 l	6.13	25	3.54 l	7.18
10	5.20 l	7.45	26	4.54 l	8.30
11	6.19 l	8.57	27	6.06 l	9.20
12	7.18 l	9.52	28	7.17 l	9.59
13	8.16 l	10.33			
14	9.06 l	11.11			
15	9.51 l	11.42			
16	10.31				

MARCH

D	First	Second	D	First	Second
1	8.21 l	10.35	17	10.22 l	11.24
2	9.19 l	11.07	18	11.02 l	11.46
3	10.14 l	11.40	19	11.43	
4	11.10		20	0.08 l	12.24
5	0.15	12.06 l	21	0.27 l	1.10
6	0.48 l	1.05	22	0.45 l	1.59
7	1.24 l	2.09	23	1.06 l	2.58
8	2.03 l	3.20	24	1.31 l	4.13
9	2.45 l	4.42	25	2.05 l	5.39
10	3.35 l	6.11	26	2.55 l	7.00
11	4.38 l	7.32	27	4.10 l	7.58
12	5.50 l	8.35	28	5.38 l	8.42
13	7.00 l	9.22	29	7.01 l	9.17
14	8.10 l	9.59	30	8.13 l	9.50
15	8.55 l	10.31	31	9 16 l	10.22
16	9.41 l	10.59			

APRIL

D	First	Second	D	First	Second
1	10.15	10.53 l	17	11.43	11.10 l
2	11.13	11.25 l	18	12.30p	11.30 l
3		12.12	19	1.18p	11.50 l
4	0.00 l	1.11	20		2.09
5	0.36 l	2.13	21	0.15 l	3.09
6	1.14 l	3.22	22	0.46 l	4.16
7	1.57 l	4.36	23	1.31 l	5.24
8	2.49 l	5.53	24	2.29 l	6.26
9	3.56 l	7.02	25	3.49 l	7.15
10	5.17 l	7.57	26	5.23*	7.55
11	6.32*	8.39	27	6.50	8.30 l
12	7.40	9.13 l	28	8.08	9.03 l
13	8.38	9.42 l	29	9.17	9.35 l
14	9.28	10.07 l	30	10.19	10.08 l
15	10.15	10.29 l			
16	10.59	10.51 l			

MAY

D	First	Second	D	First	Second
1	11.20	10.42 l	17	12.33p	10.43 l
2	12.18p	11.18 l	18	1.21p	11.12 l
3	1.17p	11.56 l	19	2.12p	11.47 l
4		2.14	20		3.05
5	0.35 l	3.15	21	0.29 l	4.02
6	1.19 l	4.19	22	1.20 l	4.55
7	2.09 l	5.23	23	2.23 l	5.43
8	3.13 l	6.19	24	3.43	6.25 l
9	4.30	7.07 l	25	5.16	7.05 l
10	5.53	7.45 l	26	6.47	7.42 l
11	7.08	8.18 l	27	8.10	8.17 l
12	8.15	8.46 l	28	9.23	8.53 l
13	9.14	9.11 l	29	10.27	9.30 l
14	10.08	9.34 l	30	11.27	10.08 l
15	10.57	9.57 l	31	12.23p	10.48 l
16	11.46	10.19 l			

JUNE

D	First	Second	D	First	Second
1	1.15p	11.27 l	17	1.59p	11.39 l
2		2.06	18		2.43
3	0.09 l	2.57	19	0.28 l	3.27
4	0.53 l	3.48	20	1.24 l	4.10
5	1.40 l	4.38	21	2.30 *	4.51
6	2.35*	5.24	22	3.48	5.33 l
7	3.44	6.05 l	23	5.18	6.14 l
8	5.06	6.42 l	24	6.51	6.55 l
9	6 31	7.15 l	25	8.20	7.37 l
10	7.51	7.44 l	26	9.32	8.21 l
11	9.00	8.13 l	27	10.35	9.04 l
12	10.09	8.40 l	28	11.30	9.50 l
13	10.53	9.08 l	29	12.18p	10.32 l
14	11.41	9.40 l	30	1.02p	11.14 l
15	12.28p	10.15 l			
16	1.13p	10.55 l			

High Tides

AT SAN FRANCISCO

JULY

D	First	Second	D	First	Second
1	1.44p	11.54 l	17		2.03
2		2.25	18	0.33 l	2.41
3	0.37 l	3.05	19	1.31 l	3.19
4	1.21 l	3.42	20	2.38	4.00 l
5	2.10	4.20 l	21	3.56	4.41 l
6	3.10	4.55 l	22	5.26	5.27 l
7	4.26	5.29 l	23	7.01	6.16 l
8	6.00	6.04 l	24	8.27	7.08 l
9	7.28	6.38 l	25	9.36	8.02 l
10	8.47	7.14 l	26	10.31	8.51 l
11	9.51	7.52 l	27	11.17	9.39 l
12	10.42	8.34 l	28	11.57	10.25 l
13	11 26	9.18 l	29	12.34p	11.06 l
14	12.07p	10.02 l	30	1.07p	11.47 l
15	12.47p	10.50 l	31		1.40
16	1.26p	11.38 l			

AUGUST

D	First	Second	D	First	Second
1	0.28 l	2.10	17	1.39	2.25 l
2	1.09 l	2.40	18	2.47	3.06 l
3	1.55	3.08 l	19	4.06	3.51 l
4	2.52	3.37 l	20	5.35	4.44 l
5	4.05	4.08 l	21	7.05	5.44 l
6	5.36	4.44 l	22	8.22	6.48 l
7	7.12	5.29 l	23	9.22	7.50 l
8	8.31	6.20 l	24	10.08	8.46 l
9	9.30	7.15 l	25	10.46	9.35 l
10	10.15	8.11 l	26	11.20	10.18 l
11	10.54	9.05 l	27	11.51	10.58 l
12	11.30	9.51 l	28	12.19p	11.40 l
13	12.04p	10.47 l	29		12.45
14	12.39p	11.41 l	30	0.20 l	1.08
15		1.12	31	1.05	1.31 l
16	0.37 l	1.47			

SEPTEMBER

D	First	Second	D	First	Second
1	1.53	1.52 l	17	4.15	3.04 l
2	2.49	2.16 l	18	5.38	4.05 l
3	4.00	2.46 l	19	6.57	5.19 l
4	5.22	3.26 l	20	8.02	6.33 l
5	6.56	4.24 l	21	8.52	7.38 l
6	8.08	5.36 l	22	9.32	8.36 l
7	8.58	6.49 l	23	10.06	9.25 l
8	9.36	7.55 l	24	10.36	10.10 l
9	10.11	8.55 l	25	11.02 l	10.53
10	10.42	9.51 l	26	11.24 l	11.36
11	11.14	10.46 l	27	11.45	
12	11.46	11.43 l	28	0.20	12.05 l
13		12.19	29	1.06	12.23 l
14	0.43	12.54 l	30	1.56	12.42 l
15	1.46	1.32 l			
16	2.56	2.15 l			

OCTOBER

D	First	Second	D	First	Second
1	2.54	1.07 l	17	5.26	3.30 l
2	4.04	1.40 l	18	6.32	4.49 l
3	5.23	2.28 l	19	7.27*	6.09
4	6.36	3.36 l	20	8.11 l	7.20
5	7.33	5.02 l	21	8.47 l	8.19
6	8.16	6.27 l	22	9.18 l	9.12
7	8.50	7.42 l	23	9.45 l	10.02
8	9.22	8.48 l	24	10.09 l	10.50
9	9.52*	9.48 l	25	10.29 l	11.35
10	10.23 l	10.49 l	26	10.48	
11	10.56 l	11.48	27	0.22	11.06al
12	11.30		28	1.11	11.27al
13	0.49	12.07 l	29	2.02	11.51al
14	1.53	12.46 l	30	2.59	12.22 l
15	3.00	1.31 l	31	4.02	1.02 l
16	4.12	2.23 l			

NOVEMBER

D	First	Second	D	First	Second
1	5.08	1.56 l	17	6.40 l	5.34
2	6.05	3.09 l	18	7.20 l	6.50
3	6.50	4.41 l	19	7.54 l	8.00
4	7.28 l	6.13	20	8.24 l	9.02
5	8.01 l	7.34	21	8.51 l	9.56
6	8.33 l	8.47	22	9.15 l	10.47
7	9.05 l	9.52	23	9.38 l	11.36
8	9.38 l	10.54	24	10.00	
9	10.13 l	11.54	25	0.22	10.24al
10	10.50		26	1.10	10.52al
11	0.53	11.29al	27	1.59	11.24al
12	1.53	12.12 l	28	2.49	12.04 l
13	2.53	12.59 l	29	3.41	12.50 l
14	3.55	1.53 l	30	4.31	1.49 l
15	4.57	2.57 l			
16	5.52 l	4.13			

DECEMBER

D	First	Second	D	First	Second
1	5.19	3.02 l	17	6.18 l	6.18
2	5.58 l	4.33	18	6.54 l	7.39
3	6.35 l	6.09	19	7.25 l	8.50
4	7.11 l	7.35	20	7.55 l	9.50
5	7.45 l	8.52	21	8.27 l	10.42
6	8.22 l	10.00	22	8.56 l	11.29
7	9.02 l	11.00	23	9.27	
8	9.41 l	11.57	24	0.14	10.00al
9	10.24		25	0.56	10.37al
10	0.51	11.08al	26	1.38	11.19al
11	1.41	11.53al	27	2.20	12.04 l
12	2.33	12.38 l	28	3.01	12.54 l
13	3.23	1.28 l	29	3.41	1.54 l
14	4.12*	2.24	30	4.21 l	3.08
15	4.58 l	3.31	31	5.02 l	4.38
16	5.41 l	4.53			

High Tides

AT ASTORIA, OREGON

JANUARY

D	First	Second	D	First	Second
1	10.29 l	11.59	17	0.57	12.04 l
2	11.14		18	1.39	12.45 l
3	0.49	12.00 l	19	2.16	1.25 l
4	1.34	12.44 l	20	2.49	2.01 l
5	2.19	1.30 l	21	3.20	2.36 l
6	3.02	2.19 l	22	3.53	3.15 l
7	3.46	3.11 l	23	4.23 l	3.54
8	4.30	4.04 l	24	4.56 l	4.40
9	5.17 l	5.05	25	5.32 l	5.37
10	6.05 l	6.16	26	6.13 l	6.44
11	6.54 l	7.30	27	7.06 l	8.09
12	7.46 l	8.51	28	7.55 l	9.34
13	8.41 l	10.08	29	8.57 l	10.48
14	9.37 l	11.14	30	9.58 l	11.45
15	10.30 l		31	10.54	
16	0.10 l	11.20al			

FEBRUARY

D	First	Second	D	First	Second
1	0.34	11.47al	17	1.48	1.15 l
2	1.18	12.37 l	18	2.15	1.50 l
3	1.57	1.25 l	19	2.41*	2.24
4	2.35	2.14 l	20	3.06 l	3.00
5	3.14	3.05 l	21	3.32 l	3.34
6	3.53 l	3.57	22	4.00 l	4.16
7	4.34 l	4.53	23	4.31 l	5.04
8	5.17 l	5.58	24	5.10 l	6.07
9	6.05 l	7.11	25	5.58 l	7.30
10	7.02 l	8.34	26	7.00 l	9.06
11	8.03 l	9.57	27	8.16 l	10.25
12	9.11 l	11.07	28	9.34 l	11.22
13	10.16				
14	0.00	11.10al			
15	0.42	12.00 l			
16	1.18	12.39 l			

MARCH

D	First	Second	D	First	Second
1	10.39		17	0.42	12.26 l
2	0.08	11.36al	18	1.10 l	1.03
3	0.49	12.29 l	19	1.35 l	1.38
4	1.25	1.19 l	20	2.01 l	2.14
5	2.01	2.08 l	21	2.23 l	2.47
6	2.37 l	2.56	22	2.47 l	3.22
7	3.13 l	3.46	23	3.14 l	4.01
8	3.52 l	4.40	24	3.46 l	4.48
9	4.32 l	5.40	25	4.25 l	5.49
10	5.18 l	6.50	26	5.15 l	7.09
11	6.14 l	8.13	27	6.21 l	8.40
12	7.27 l	9.38	28	7.47 l	9.54
13	8.46 l	10.45	29	9.12 l	10.48
14	10.00 l	11.32	30	10.25 l	11.33
15	10.57		31	11.25	
16	0.10	11.45al			

APRIL

D	First	Second	D	First	Second
1	0.11	12.21 l	17	0.53 l	1.25
2	0.40 l	1.11	18	1.17 l	2.01
3	1.24 l	2.00	19	1.44 l	2.38
4	2.01 l	2.48	20	2.10 l	3.17
5	2.37 l	3.37	21	2.41 l	3.57
6	3.14 l	4.28	22	3.16 l	4.47
7	3.54 l	5.26	23	4.00 l	5.46
8	4.40 l	6.31	24	4.54 l	6.58
9	5.37 l	7.46	25	6.04 l	8.09
10	6.49 l	9.01	26	7.28 l	9.12
11	8.12*	10.01	27	8.52	10.04 l
12	9.30	10.46 l	28	10.06	10.50 l
13	10.31	11.24 l	29	11.11	11.32 l
14	11.23	11.56 l	30		12.09
15		12.06			
16	0.25 l	12.48			

MAY

D	First	Second	D	First	Second
1	0.10 l	1.03	17	0.38 l	1.52
2	0.49 l	1.54	18	1.10 l	2.33
3	1.28 l	2.42	19	1.43 l	3.14
4	2.05 l	3.30	20	2.22 l	3.58
5	2.45 l	4.20	21	3.02 l	4.48
6	3.27 l	5.12	22	3.51 l	5.42
7	4.13 l	6.10	23	4.48 l	6.38
8	5.07 l	7.11	24	5.56 l	7.35
9	6.13*	8.10	25	7.12	8.29 l
10	7.29	9.00 l	26	8.36	9.19 l
11	8.44	9.47 l	27	9.50	10.06 l
12	9.54	10.26 l	28	10.58	10.53 l
13	10.50	11.03 l	29	12.00 l	11.35
14	11.42	11.36 l	30		12.56
15		12.29	31	0.19 l	1.48
16	0.07 l	1.11			

JUNE

D	First	Second	D	First	Second
1	1.03 l	2.36	17	1.26 l	3.09
2	1.44 l	3.22	18	2.11 l	3.53
3	2.25 l	4.08	19	2.57 l	4.37
4	3.08 l	4.54	20	3.48 l	5.22
5	3.51 l	5.41	21	4.45 l	6.08
6	4.40 l	6.27	22	5.50	6.55 l
7	5.39	7.12 l	23	7.00	7.45 l
8	6.43	7.57 l	24	8.17	8.35 l
9	7.54	8.40 l	25	9.34	9.26 l
10	9.05	9.24 l	26	10.46	10.18 l
11	10.12	10.05 l	27	11.52	11.10 l
12	11.13	10.47 l	28	12.50p	11.58 l
13	12.07p	11.26 l	29		1.41
14		12.56	30	0.44 l	2.27
15	0.05 l	1.42			
16	0.46 l	2.26			

High Tides

AT ASTORIA, OREGON

JULY

D	First	Second	D	First	Second
1	1.28 l	3.08	17	2.04 l	3.29
2	2.10 l	3.47	18	2.55 l	4.08
3	2.52 l	4.25	19	3.45 l	4.49
4	3.33 l	5.01	20	4.41	5.32 l
5	4.18	5.36 l	21	5.43	6.17 l
6	5.08	6.13 l	22	6.50	7.04 l
7	6.03	6.53 l	23	8.04	7.57 l
8	7.06	7.35 l	24	9.27	8.57 l
9	8.18	8.22 l	25	10.36	9.56 l
10	9.32	9.10 l	26	11.42	10.21 l
11	10.44	10.02 l	27	12.38 p	11.45 l
12	11.44	10.53 l	28		1.25
13	12.38p	11.40 l	29	0.33 l	2.05
14		1.26	30	1.16 l	2.40
15	0.30 l	2.09	31	1.58 l	3.11
16	1.16 l	2.50			

AUGUST

D	First	Second	D	First	Second
1	2.36 l	3.41	17	3.37	4.09 l
2	3.14	4.11 l	18	4.33	4.51 l
3	3.57	4.42 l	19	5.33	5.37 l
4	4.39	5.15 l	20	6.40	6.28 l
5	5.30	5.52 l	21	7.55	7.28 l
6	6.27	6.33 l	22	9.13	8.33 l
7	7.37	7.24 l	23	10.25	9.41 l
8	8.37	8.22 l	24	11.26	10.42 l
9	10.14	9.26 l	25	12.15p	11.36 l
10	11.19	10.26 l	26		12.25
11	12.13 p	11.23 l	27	0.23 l	1.29
12		12.58	28	1.02 l	2.00
13	0.15 l	1.38	29	1.40*	2.26
14	1.05 l	2.16	30	2.17	2.53 l
15	1.56 l	2.52	31	2.54	3.18 l
16	2.46 l	3.29			

SEPTEMBER

D	First	Second	D	First	Second
1	3.32	3.47 l	17	5.25	4.58 l
2	4.14	4.18 l	18	6.32	5.56 l
3	5.03	4.54 l	19	7.47	7.03 l
4	6.00	5.40 l	20	9.01	8.17 l
5	7.11	6.36 l	21	10.06	9.29 l
6	8.33	7.46 l	22	10.57	10.29 l
7	9.48	9.00 l	23	11.39	11.20 l
8	10.49	10.07 l	24		12.13
9	11.40	11.06 l	25	0.04	12.44 l
10		12.19	26	0.45	1.11 l
11	0.02 l	12.57	27	1.23	1.37 l
12	0.53 l	1.34	28	2.00	2.02 l
13	1.44	2.10 l	29	2.38	2.28 l
14	2.35	2.48 l	30	3.15	2.56 l
15	3.28	3.29 l			
16	4.23	4.10 l			

OCTOBER

D	First	Second	D	First	Second
1	3.57	3.28 l	17	6.21	5.26 l
2	4.45	4.07 l	18	7.32	6.42 l
3	5.45	5.00 l	19	8.37	7.53 l
4	7.00	6.02 l	20	9.32 l	9.06
5	8.15	7.21 l	21	10.17 l	10.08
6	9.21	8.40 l	22	10.54 l	10.57
7	10.14	9.52 l	23	11.27 l	11.46
8	11.00	10.52 l	24	11.57	
9	11.38	11.48 l	25	0.27	12.25 l
10		12.15	26	1.06	12.52 l
11	0.42	12.52 l	27	1.45	1.20 l
12	1.33	1.30 l	28	2.23	1.46 l
13	2.24	2.08 l	29	3.01	2.17 l
14	3.18	2.50 l	30	3.45	2.53 l
15	4.15	3.35 l	31	4.36	3.35 l
16	5.13	4.26 l			

NOVEMBER

D	First	Second	D	First	Second
1	5.36	4.30	17	7.57 l	7.19
2	6.45	5.40 l	18	8.45 l	8.31
3	7.49	7.00 l	19	9.27 l	9.36
4	8.45	8.23 l	20	10.05 l	10.32
5	9.33 l	9.36	21	10.39 l	11.22
6	10.17 l	10.38	22	11.12	
7	10.58 l	11:37	23	0.08	11.43al
8	11.37		24	0.52	12.15 l
9	0.32	12.16 l	25	1.32	12.46 l
10	1.25	12.57 l	26	2.12	1.19 l
11	2.16	1.37 l	27	2.54	1.55 l
12	3.07	2.21 l	28	3.38	2.34 l
13	4.01	3.05 l	29	4.28	3.22 l
14	5.00	3.57 l	30	5.22	4.17 l
15	6.00	4.58 l			
16	7.01*	6.07			

DECEMBER

D	First	Second	D	First	Second
1	6.17	5.25 l	17	7.44 l	7.44
2	7.10 l	6.41	18	8.27 l	8.56
3	8.02 l	8.02	19	9.09 l	10.02
4	8.50 l	9.18	20	9.50 l	11.02
5	9.36 l	10.27	21	10.30 l	11.53
6	10.21 l	11.28	22	11.10	
7	11.06		23	0.40	11.50al
8	0.26	11.49al	24	1.22	12.27 l
9	1.18	12.35 l	25	2.03	1.06 l
10	2.08	1.18 l	26	2.44	1.46 l
11	2.57	2.03 l	27	3.25	2.29 l
12	3.45	2.46 l	28	4.07	3.18 l
13	4.34	3.32 l	29	4.52	4.10 l
14	5.24	4.24 l	30	5.37 l	5.13
15	6.12 l	5.24	31	6.24 l	6.26
16	7.00 l	6.32			

High Tides

AT PORT TOWNSEND, WASH.

JANUARY

D	First	Second	D	First	Second
1	3.52	11.04al	17	5.04 l	1.22
2	4.31	11.32al	18	5.37 l	2.17
3	5.07 l	12.17	19	6.07 l	3.04
4	5.43 l	1.16	20	6.35 l	3.54
5	6.18 l	2.20	21	7.00 l	4.46
6	6.53 l	3.31	22	7.25 l	5.40
7	7.26 l	4.47	23	7.47 l	6.43
8	8.00 l	6.10	24	8.08 l	8.00
9	8.30 l	7.40	25	8.26 l	9.27
10	9.00 l	9.25	26	8.41 l	11.33
11	9.32 l	11.35	27	8.52	
12	10.02		28	9.00	
13	1.42	10.32al	29	9.12	
14	2.57	11.07al	30	3.40	9.49al
15	3.48 l	11.44a	31	4.13 l	10.51
16	4.28 l	12.30			

FEBRUARY

D	First	Second	D	First	Second
1	4.45 l	12.19	17	5.26 l	3.34
2	5.12 l	1.49	18	5.47 l	4.25
3	5.40 l	3.06	19	6.05 l	5.12
4	6.07 l	4.20	20	6.22 l	6.05
5	6.35 l	5.33	21	6.40 l	7.02
6	7.03 l	6.47	22	6.56 l	8.05
7	7.30 l	8.06	23	7.08 l	9.22
8	8.00 l	9.42	24	7.15 l	11.08
9	8.28 l	11.42	25	7.17	
10	9.00		26	7.32	
11	1.34	9.33al	27	2.26	8.07 l
12	2.39 l	10.18a	28	3.02 l	9.11
13	3.25				
14	4.03 l	12.43			
15	4.35 l	1.47			
16	5.03 l	2.43			

MARCH

D	First	Second	D	First	Second
1	3.32 l	11.04	17	4.08 l	3.03
2	3.58 l	1.00	18	4.26 l	3.54
3	4.23 l	2.28	19	4.43 l	4.42
4	4.46 l	3.42	20	4.57 l	5.31
5	5.11 l	4.51	21	5.12 l	6.20
6	5.36 l	5.57	22	5.25 l	7.13
7	6.02 l	7.06	23	5.25 l	8.11
8	6.30 l	8.20	24	5.31 l	9.20
9	7.00 l	9.43	25	5.38 l	10.46
10	7.30 l	11.21	26	5.51	
11	8.02		27	0.22 l	6.15a
12	0.52		28	1.21 l	7.06a
13	1.55		29	2.00 l	9.24a
14	2.41 l	11.37a	30	2.30 l	12.00
15	3.17 l	1.02	31	2.54 l	1.40
16	3.45 l	2.08			

APRIL

D	First	Second	D	First	Second
1	3.18 l	3.00	17	3.24 l	5.08
2	3.42 l	4.10	18	3.38	5.45 l
3	4.06 l	5.14	19	3.47	6.32 l
4	4.32 l	6.16	20	3.50	7.21 l
5	5.00 l	7.18	21	3.48	8.16 l
6	5.28	8.22 l	22	3.56	9.18 l
7	5.58	9.32 l	23	4.10	10.24 l
8	6.28	10.48 l	24		11.27
9			25		
10	0.00		26	0.12	
11	0.56		27	0.48 l	10.40
12	1.39 l	11.46 a	28	1.16 l	12.45
13	2.11 l	1.16	29	1.42 l	2.16
14	2.36 l	2.26	30	2.06 l	3.31
15	2.55 l	3.21			
16	3.10 l	4.12			

MAY

D	First	Second	D	First	Second
1	2.33 l	4.35	17	1.54	5.53 l
2	2.57	5.32 l	18	1.51	6.37 l
3	3.26	6.26 l	19	2.01	7.24 l
4	3.54	7.20 l	20	2.22	8.12 l
5	4.21	8.15 l	21	2.46	9.02 l
6	4.45	9.12 l	22		9.50
7		10.10	23		10.31
8		11.04	24		11.06
9		11.49	25	9.21	11.36 l
10	9.50		26	11.34	
11	0.24 l	11.46a	27	0.03 l	1.28
12	0.51 l	1.25	28	0.31 l	2.52
13	1.11 l	2.37	29	1.00 l	3.57
14	1.28 l	3.35	30	1.25 l	4.51
15	1.42 l	4.25	31	1.52	5.41 l
16	1.50	5.09 l			

JUNE

D	First	Second	D	First	Second
1	2 20	6.27 l	17	1.18	7.10 l
2	2.48	7.13 l	18	1.56	7.51 l
3	3.03	7.59 l	19	2.36	8.28 l
4		8.45	20		9.03
5		9.28	21		9.34
6		10.04	22	1.11	10.03 l
7		10.36	23	10.12	10.32 l
8	9.41	11.02 l	24	12.20 p	11.01 l
9	11.41	11.24 l	25	2.03 p	11.29
10	1.30 p	11.42 l	26	3.15 p	11.57
11		2.45	27		4.08
12	0.00 l	3.42	28	0.30	4.54 l
13	0.06 l	4.28	29	1.05	5.36 l
14	0.08	5.10 l	30	1.42	6.15 l
15	0.17	5.50 l			
16	0 44	6.31 l			

High Tides

AT PORT TOWNSEND, WASH.

JULY

D	First	Second	D	First	Second
1	2.26	6.32 l	17	2.49	7.06 l
2	3.08	7.27 l	18	4.16	7.36 l
3		8.01	19	5.42	8.04 l
4	5.20	8.32 l	20	7.13	8.33 l
5	6.30	9.00 l	21	8.49	9.02 l
6	7.56	9.23 l	22	10.44	9.32 l
7	9.33	9.44 l	23	12.48p	10.04 l
8	11.20	10.03 l	24	2.15p	10.39 l
9	1.31p	10.16 l	25	3.13p	11.22 l
10	2.46p	10.27 l	26		4.00
11	3.37p	10.35 l	27	0.09	4.38 l
12	4.19p	11.00 l	28	1.06	5.15 l
13	4.56pl	11.40	29	2.03	5.47 l
14		5.31	30	2.57	6.14 l
15	0.33	6.04 l	31	3.50	6.40 l
16	1.35	6.35 l			

AUGUST

D	First	Second	D	First	Second
1	4.44	7.03 l	17	6.21	7.01 l
2	5.42	7.26 l	18	7.40	7.30 l
3	6.46	7.48 l	19	9.10	8.01 l
4	7.58	8.07 l	20	10.58	8.34 l
5	8.24	8.24 l	21	12.45p	9.14 l
6	11.15	8.36 l	22	1.58pl	10.05
7		8.45	23	2.48pl	11.17
8	2.30p	8.56 l	24		3.28
9	3.15p	9.32 l	25	0.33	4.08 l
10	3.50pl	10.30	26	1.39	4.33 l
11	4.22pl	11.53	27	2.35	4.57 l
12		4.50	28	3.26	5.20 l
13	1.19	5.16 l	29	4.14	5.38 l
14	2.39	5.42 l	30	5.05	5.55 l
15	3.54	6.09 l	31	5.58	6.12 l
16	5 07	6.34 l			

SEPTEMBER

D	First	Second	D	First	Second
1	6.55	6.28 l	17	9.15	6.55 l
2	8.00	6.40 l	18	10.48 l	7.31
3	9.15	6.43 l	19		12.16
4	10.55	6.38 l	20	1.20pl	9.55
5	12.49p	6.47 l	21	2.07pl	11.38
6	1.52pl	7.25	22		2.43
7	2.33pl	9.00	23	1.02	3.13 l
8	3.04pl	10.50	24	2 05	3.37 l
9		3.30	25	2 59	3.55 l
10	0.40	3.53 l	26	3.50	4.11 l
11	2.04	4.16 l	27	4.35	4.25 l
12	3.18	4.38 l	28	5.22	4.38 l
13	4 25	5.02 l	29	6.11*	4.48
14	5 34	5.27 l	30	7.02 l	4.52
15	6.41	5.55 l			
16	7.55	6.24 l			

OCTOBER

D	First	Second	D	First	Second
1	8.00 l	4.43	17	10.20	
2	9.08*	4.40	18	11.31	
3	10.32*	4.50	19	12,29 pl	10.07
4		12.00	20	1.12pl	11.48
5		12.58	21		1.44
6		1.35	22	1.18	2.09 l
7	2.01 pl	11.35	23	2 26	2.28 l
8		2.25	24	3.19	2.43 l
9	1.20	2.46 l	25	4.07	2.56 l
10	2.38	3.08 l	26	4.52*	3.07
11	3.46	3.33 l	27	5.36 l	3.14
12	4.50	3.56 l	28	6.20 l	3.10
13	5.51*	4.23	29	7.06 l	3.04
14	6.53 l	4.50	30	7.59 l	3.12
15	7.57 l	5.18	31	8.59 l	3.27
16	9.06 l	5.41			

NOVEMBER

D	First	Second	D	First	Second
1	10.04		17	11.23 l	9.36
2	11.04		18	12.00 l	11.47
3	11.49		19		12.29
4	12.23pl	10.02	20	1.29	12 51 l
5		12.49	21	2.59	1.08 l
6	0.18	1.13 l	22	3.39	1.22 l
7	1.56	1.36 l	23	4.21*	1.32
8	3.11	2.01 l	24	5.02 l	1.37
9	4.13	2.27 l	25	5.42 l	1.33
10	5.08 l	2.55	26	6.23 l	1.42
11	6.02 l	3.24	27	7.05 l	2.03
12	6.55 l	3.54	28	7.51 l	2.29
13	7.49 l	4.15	29	8.38 l	2.52
14	8.45		30	9.22	
15	9.42				
16	10.36				

DECEMBER

D	First	Second	D	First	Second
1	10.03		17	10.34 l	11.34
2	10.37		18	10.59	
3	11.07 l	10.52	19	1.37	11.19al
4	11.33		20	2.51	11.36al
5	1.03	12.00 l	21	3.43	11.45al
6	2.33	12.27 l	22	4.25 l	11.45a
7	3.38	12.51 l	23	5.03 l	11.55a
8	4.31	1.30 l	24	5.39 l	12.26
9	5.19 l	2.05	25	6.15 l	1.07
10	6.03 l	2.43	26	6.50 l	1.50
11	6.47 l	3.23	27	7.25 l	2.35
12	7.31 l	4.08	28	8.00 l	3.30
13	8.14		29	8.30 l	5.19
14	8.55		30	9.00 l	7.15
15	9.33 l	7.34	31	9.27 l	9.18
16	10.06 l	9.22			

High Tides

AT SEATTLE, WASH.

JANUARY

D	First	Second	D	First	Second
1	3.48	1.04 l	17	5.28 l	2.46
2	4.31	1.46 l	18	6.02 l	3.31
3	5.11 l	2.31	19	6.33 l	4.16
4	5.51 l	3.21	20	7.00 l	4.58
5	6.28 l	4.10	21	7.26 l	5.43
6	7.05 l	5.05	22	7.49 l	6.31
7	7.42 l	6.04	23	8.13 l	7.26
8	8.18 l	7.11	24	8.36 l	8.31
9	8.55 l	8.31	25	9.01 l	9.50
10	9.31 l	10.12	26	9.28 l	11.25
11	10.08		27	9.58	
12	0.00	10.47al	28	1.15	10.34al
13	1.47	11.31al	29	2.40	11.20al
14	3.06	12.17 l	30	3.35 l	12.17
15	4.03 l	1.06	31	4.18 l	1.19
16	4.48 l	1.57			

FEBRUARY

D	First	Second	D	First	Second
1	4.54 l	2.21	17	5.58 l	4.24
2	5.27 l	3.20	18	6.17 l	5.06
3	5.59 l	4.20	19	6.34 l	5.50
4	6.28 l	5.19	20	6.52 l	6.34
5	6.58 l	6.21	21	7.09 l	7.25
6	7.30 l	7.28	22	7.29 l	8.20
7	8.01 l	8.40	23	7.50 l	9.26
8	8.33 l	10.06	24	8.16 l	10.47
9	9.11 l	11.51	25	8.45	
10	9.51		26	0.30	9.24a
11	1.37	10.39al	27	2.08 l	10.25a
12	2.53 l	11.40a	28	3.05 l	11.48a
13	3.48 l	12.51			
14	4.31 l	1.58			
15	5.06 l	2.53			
16	5.35 l	3.40			

MARCH

D	First	Second	D	First	Second
1	3.45 l	1.12	17	4.47 l	3.49
2	4.17 l	2.25	18	5.04 l	4.32
3	4.45 l	3.31	19	5.18 l	5.14
4	5.13 l	4.34	20	5.33 l	5.54
5	5.40 l	5.32	21	5.50 l	6.37
6	6.08 l	6.33	22	6.09 l	7.23
7	6.37 l	7.35	23	6.30 l	8.14
8	7.09 l	8.42	24	6.53 l	9.14
9	7.42 l	10.00	25	7.19 l	10.26
10	8.19 l	11.31	26	7.52	11.53 l
11	9.01		27	8.38	
12	1.06 l	9.58a	28	1.15 l	10.02a
13	2.19 l	11.21a	29	2.11 l	11.47a
14	3.11 l	12.54	30	2.48 l	1.20
15	3.52 l	2.06	31	3.21 l	2.38
16	4.23 l	3.03			

APRIL

D	First	Second	D	First	Second
1	3.50 l	3.44	17	4.10 l	5.18
2	4.18 l	4.45	18	4.28	5.58 l
3	4.45 l	5.44	19	4.49	6.40 l
4	5.15 l	6.41	20	5.11	7.24 l
5	5.45 l	7.39	21	5.37	8.13 l
6	6.21	8.40 l	22	6.05	9.10 l
7	6.57	9.47 l	23	6.39	10.14 l
8	7.36	10.02 l	24	7.23	11.20 l
9	8.24		25	8.30	
10	0.19 l	9.35a	26	0.18 l	10.12a
11	1.25 l	11.14a	27	1.04 l	12.00
12	2.14 l	12.51	28	1.42 l	1.32
13	2.51 l	2.08	29	2.15 l	2.51
14	3.18 l	3.06	30	2.46 l	4.00
15	3.38 l	3.54			
16	3.54 l	4.37			

MAY

D	First	Second	D	First	Second
1	3.18 l	5.00	17	3.26	6.01 l
2	3.49	5.54 l	18	3.51	6.42 l
3	4.23	6.48 l	19	4.22	7.27 l
4	5.00	7.40 l	20	4.56	8.14 l
5	5.39	8.35 l	21	5.35	9.04 l
6	6.17	9.32 l	22	6.23	9.55 l
7	7.04	10.31 l	23	7.26	10.41 l
8	8.01	11.28 l	24	8.54	11.24 l
9	9.20		25	10.34	
10	0.19 l	10.57a	26	0.02 l	12.15
11	1.01 l	12.34	27	0.38 l	1.50
12	1.32 l	1.55	28	1.12 l	3.09
13	1.57 l	3.00	29	1.48 l	4.15
14	2.17 l	3.53	30	2.25 *	5.11
15	2.40 l	4.39	31	3.00	6.02 l
16	3.00	5.21 l			

JUNE

D	First	Second	D	First	Second
1	3.40	6.50 l	17	3.52	7.19 l
2	4.21	7.37 l	18	4.38	8.00 l
3	5.05	8.23 l	19	5.32	8.41 l
4	5.52	9.09 l	20	6.33	9.20 l
5	6.44	9.52 l	21	7.48	9.56 l
6	7.48	10.33 l	22	9.16	10.31 l
7	9.06	11.09 l	23	10.53	11.07 l
8	10.35	11.41 l	24	12.33p	11.43 l
9		12.06	25		2.07
10	0.08 l	1.35	26	0.21 l	3.23
11	0.36 l	2.46	27	1.00 l	4.25
12	1.01 l	3.44	28	1.43	5.16 l
13	1.29 l	4.34	29	2.29	6.02 l
14	1.57	5.17 l	30	3.15	6.43 l
15	2.30	5.58 l			
16	3.08	6.39 l			

High Tides

AT SEATTLE, WASH.

JULY

D	First	Second	D	First	Second
1	4.02	7.22 l	17	4.42	7.25 l
2	4.50	7.57 l	18	5.45	7.51 l
3	5.41	8.31 l	19	6.51	8.31 l
4	6.35	9.02 l	20	8.05	9.04 l
5	7.38	9.32 l	21	9.30	9.39 l
6	8.48	10.00 l	22	11.06	10.16 l
7	10.09	10.27 l	23	12.45 p	10.56 l
8	11.35	10.55 l	24	2.14 p	11.42 l
9	1.08 p	11.24 l	25		3.24
10	2.27 p	11.55 l	26	0.32	4.19 l
11		3.29	27	1.24	5.04 l
12	0.31	4.20 l	28	2.19	5.44 l
13	1.13	5.02 l	29	3.11	6.17 l
14	2.00	5.42 l	30	4.01	6.46 l
15	2.51	6.17 l	31	4.50	7.12 l
16	3.46	6.52 l			

AUGUST

D	First	Second	D	First	Second
1	5.39	7.36 l	17	7.04	7.35 l
2	6.30	8.00 l	18	8.16	8.08 l
3	7.28	8.22 l	19	9.31	8.46 l
4	8.32	8.47 l	20	11.10	9.29 l
5	9.43	9.14 l	21	12.44 p	10.20 l
6	11.05	9.44 l	22	2.04 pl	11.20
7	12.38p	10.18 l	23		3.04
8	2.01p	11.01 l	24	0.28	3.53 l
9	2.04pl	11.55	25	1.35	4.33 l
10		3.52	26	2.34	5.05 l
11	0.52	4.30 l	27	3.25	5.31 l
12	1.52	5.03 l	28	4.10	5.52 l
13	2.52	5.34 l	29	4.55	6.09 l
14	3.54	6.03 l	30	5.40	6.28 l
15	4.54	6.33 l	31	6.28	6.47 l
16	5.57	7.03 l			

SEPTEMBER

D	First	Second	D	First	Second
1	7.18	7.09 l	17	9.36*	7.53
2	8.16	7.33 l	18	11.02 l	8.46
3	9.20	8.01 l	19	12.28 pl	9.52
4	10.38	8.31 l	20	1.37 pl	11.19
5	12.08 p	9.15*	21		2.30
6	1.30 pl	10.18	22	0.43	3.11 l
7	2.27 pl	11.35	23	1.53	3.46 l
8		3.08	24	2.49	4.11 l
9	0.51	3.41 l	25	3.35	4.30 l
10	2.00	4.10 l	26	4.19	4.45 l
11	3.03	4.38 l	27	5.00	5.01 l
12	4.05	5.05 l	28	5.41	5.19 l
13	5.05	5.34 l	29	6.24	5.38 l
14	6.06	6.05 l	30	7.10 l	6.00
15	7.10	6.37 l			
16	8.19	7.14 l			

OCTOBER

D	First	Second	D	First	Second
1	8.02 l	6.23	17	10.42 l	8.04
2	9.04 l	6.49	18	11.55 l	9.30
3	10.18 l	7.21	19	12.56 pl	11.18
4	11.40 l	8.13	20		1.43
5	12.50 pl	9.48	21	0.52	2.19 l
6	1.38 pl	11.33	22	2.02	2.47 l
7		2.15	23	2.51	3.07 l
8	1.00	2.44 l	24	3.44	3.26 l
9	2.12	3.12 l	25	4.26	3.40 l
10	3.18	3.39 l	26	5.06*	3.57
11	4.16	4.09 l	27	5.44 l	4.17
12	5.15	4.40 l	28	6.24 l	4.38
13	6.14 l	5.12	29	7.07 l	5.01
14	7.12 l	5.44	30	7.56 l	5.28
15	8.16 l	6.24	31	8.54 l	5.57
16	9.27 l	7.05			

NOVEMBER

D	First	Second	D	First	Second
1	9.58 l	6.34	17	11.58 l	11.00
2	11.02 l	7.42	18		12.40
3	11.57 l	9.45	19	0.42	1.13 l
4	12.40 pl	11.39	20	2.01	1.38 l
5		1.14	21	3.00	2.00 l
6	1.12	1.45 l	22	3.48	2.20 l
7	2.28	2.14 l	23	4.30*	2.42
8	3.32	2.46 l	24	5.09 l	3.03
9	4.30	3.19 l	25	5.46 l	3.30
10	5.25 l	3.52	26	6.24 l	3.57
11	6.19 l	4.28	27	7.05 l	4.28
12	7.13 l	5.06	28	7.50 l	5.02
13	8.08 l	5.48	29	8.38 l	5.44
14	9.08 l	6.33	30	9.27 l	6.38
15	10.09 l	7.35			
16	11.07 l	9.07			

DECEMBER

D	First	Second	D	First	Second
1	10.14 l	8.03	17	11.20	
2	10.57 l	9.58	18	0.13	11.51al
3	11.34 l	11.50	19	1.48	12.20 l
4		12.10	20	2.55	12.49 l
5	1.29	12.46 l	21	3.48	1.17 l
6	2.48	1.21 l	22	4.30 l	1.50
7	3.50	2.00 l	23	5.09 l	2.22
8	4.44 l	2.39	24	5.45 l	3.00
9	5.34 l	3.18	25	6.20 l	3.38
10	6.21 l	4.01	26	6.55 l	4.18
11	7.07 l	4.45	27	7.31 l	5.06
12	7.52 l	5.32	28	8.08 l	6.00
13	8.38 l	6.22	29	8.43 l	7.06
14	9.24 l	7.24	30	9.19 l	8.27
15	10.06 l	8.43	31	9.55 l	10.08
16	10.46 l	10.23			

To Tell The Time of Tides

Showing approximate difference between high water at points for which tide tables are furnished and places listed below.

SAN DIEGO—(La Playa)

Local Time

Mexico (West Coast)

Port Sihuatanejo	— .39
Manzanillo	— .22
Chamela or Perula Bay	— .22
San Blas	— .21
Mazatlan	— .14

Gulf of California

Alata, Culiacan River	+ .45
San Lorenzo Channel	+ .13
La Paz Harbor	+ .18
San Lucas Bay	+1.53
Guaymas Harbor	+2.08
Santa Teresa Bay	+2.28
Puerto Refugio	+3.28
Tepoca Bay	+4.23
Colorado River Entrance	+5.19

Lower California (Outer Coast)

San Jose del Cabo	— .46
Pequena Bay, Santa Margarite I.	—1.11
Magdalena Bay	—1.04
Cerros Island	— .16
Playa Maria Bay	— .06
Rosario Bay	— .02
San Quentin Bay	+ .02
Colnett Bay	+ .06
Ensenada, Todos Santos Bay	+ .09

Time Meridian 120° W.

California

San Diego Bar	— .03
San Juan Capistrano	+ .06

San Pedro Channel

Newport Landing	+ .16
Anaheim Landing	+ .14
San Pedro	+ .08
Santa Monica	+ .10

Santa Barbara Channel

Hueneme Light	+ .08
San Buonaventura	+ .29
Santa Barbara Light	+ .18
Gaviota	+ .14

Santa Barbara Islands

Santa Catalina Harbor, Catalina I.	+ .01
Conal Harbor, San Nicholas I.	— .03
Prisoner Harbor, Santa Cruz I.	+ .05
Cuyler Harbor, San Miguel I.	+ .03
Lompoc Landing	+ .36
Point Sal	+ .44
Point Sal	+ .44
San Luis Obispo	+ .59
Morro, Morro Bay	+1.13
Cayucos, Estero Bay	+1.16
San Simeon	+1.23

Oregon & Washington (Columbia River)

Cathlamet, Wash.	+5.12
Eagle Cliff, Wash.	+5.34
Oak Point, Wash.	+5.49
Rinearson, Oreg.	+6.12
Rainier, Oreg.	+6.25
Kalama, Wash.	+6.55
St. Helen's Bar, Oreg.	+7.56
Willamotte River Entrance, Oreg.	+9.27
Old Fort Vancouver, Wash.	+9.58

To Tell The Time of Tides

SAN FRANCISCO—(Fort Point)

Time Meridian 120° W.

California, Outer Coast.

Monterey Harbor Light	— .59
Santa Cruz Harbor Light	— .47
Half Moon Bay	— .51
Southeast Farallon Light	— .57
San Francisco Bar	— .01

San Francisco Bay, S. Portion

Presidio	+ .04
Alcatraz Light	+ .11
San Francisco, North Beach	+ .26
San Francisco, Mission Street	+ .28
Goat Island (Yerba Buena Light)	+ .28
Oakland Harbor	+ .35
Point Avisadero	+ .32
Roberts Landing	+ .50
Mt. Eden, Mt. Eden Slough	+ 1.18
Union City, Union City Creek	+ 1.39
San Mateo Point	+ .45
Guano Island	+ .48
Coyote Hill Creek Entrance	+ 1.00
Johnson's Landing, Coyote Hall Creek	+ 1.24
Redwood City Creek Entrance	+ .56
Mayhew's Landing, Newark Slough	+ 1.14
Ravenswood	+ .57

San Francisco Bay, N. Portion

Lauaalito	+ .05
Angel Island	+ .09
West Berkeley	+ .45
Point San Quentin	+ .58
The Brothers Light	+ 1.01

San Pablo Bay

McNears Landing	+ 2.02
Point Wilson	+ 1.40
Petaluma Point	+ 1.06
Sonoma Creek Entrance	+ 1.22

Carquinez Strait

Mare Island Light	+ 1.45
Wheatport	+ 1.55
Benicia	+ 2.20

Suisun Bay

Seal Bluff	+ 2.27
Suisan Creek Entrance	+ 2.39
Antioch, San Joaquin River	+ 3.54

Sacramento River

Collinsville	+ 3.21
Sacramento	+ 8.03

Outer Coast

Drakes Bay	— .04
Point Reyes Light	— .14
Tomales Bay	+ .23
Bodega Bay	— .18
Fort Ross	— .31
Point Arena Light	— .58
Navarro River Entrance	— .55
Little River Harbor	— 1.04
Mendocino Bay	— .59
Fort Bragg Landing	— .34
Westport	— .34
Shelter Cove	— .42
Cape Mendocino Bay	— .31

To Tell The Time of Tides

ASTORIA—(Columbia R.)

Time Meridian 120° W.

California Outer Coast

Eel River Bar.....—1.28
Humboldt Bay Bar—1.05
Red Bluff, Humboldt Bay .....— .59
Eureka, Humboldt Bay ....— .41
Trinidad Harbor Light ..... —1.11
Crescent City Light—1.05

Oregon

Chetko Cove .....— .57
Rogue River .....— .55
Port Orford .....—1.05
Bandon Coquille R.—1.05

Coos Bay

Coos Bay Bar.....— .43
Empire ..... .00
North Bend .....+ .40
Marshfield .....+1.51

Umpqua River

Bar at Entrance.....— .08
Gardiner ....+ .14

Outer Coast

Shadow River Ent — .30
Alseya Harbor Ent.— .38
Yaquina Bay and River Bar at Entrance....— .49
Newport ..... — .45
Yaquina City .....— .32
Oysterville .....— .19

Outer Coast

Nestugga Bay Ent.— .27
Hobsonville, Tillamook Bay.....— .08
Nehalem River Ent.— .31
Oregon on Washington* (Columbia River)
Columbia River Bar, Oreg .....— .29
Point Adams (Clatsop), Oreg .....— .09
Cape Disappointment, Wash. .....— .17
Skeppernawin Creek, Oreg. .....— .02
Tongue Point, Oreg. + .19
Marsh Island Creek, Oreg. ..... + .41
Three Tree Point, Wash. .....+1.03
Willapa Bay Entrance, Wash. — .14
South Bend, Willapa Bay, Wash. .....+ .21
Oysterville, Willapa Bay, Wash. .....+ .21
Sealand, Willapa Bay, Wash. .....+ .31
Grays Harbor Entrance, Wash. ....— .23
Hoquiam, Grays Harbor, Wash. ....+ .12
Laidlaw, Grays Harbor, Wash. .....— .10
Destruction Island, Wash. .....— .37
Quillihute River, Wash. .....— .18
Cape Alava (Flattery Rocks), Wash. ... — .29

Juan de Fuca Strait

Cape Flattery Light, Tatoosh Island ....— .03
Neah Bay .....— .01
Pysht River Ent. +1.03

British Columbia

Cape Beale Light, Barclay Sound ....— .14
Stamp Harbor .....+ .34
Clayoquot Sound ....— .16
Hesquiat Harbor.....— .34
Nootka Sound .....— .23
Esperanza Inlet ....— .32
Kynquot Sound ....— .36
Ou-Ou-Kinsh Inlet— .38
Klaskino Inlet .....— .48
QuatsinoSoundEnt.— .47

*See also San Diego list.

To Tell The Time of Tides

PORT TOWNSEND—(Puget Sound) Washington

Time Meridian 120° W.

Juan de Fuca Strait

Port Angeles	—1.34
New Dungeness Light	—1.04
Washington Harbor	— .40
Port Discovery	— .28
South Island Light	— .07
Partridge Point	— .01

Admiralty Inlet

Marrowstone Point	+ .09
Oak Bay	+ .11

Hood Canal

Port Ludlow	+ .13
Port Gamble	+ .15
Seabeck	+ .47
Union City	+ .32

Puget Sound

Point No Point Light	+ .19
Port Madison	+ .32
West Point Light, Shilshole Bay	+ .33
Seattle, Elliott Bay	+ .33
Port Blakely	+ .37
Bremerton, Port Orchard Naval Sta.	+ .39
Tacoma	+ .44
Steilacoom	+ .58
Doffilemyer Point, Budd Inlet	+1.05
Olympia, Budd Inlet	+1.09

Possession Sound and Port Susan

Muckiltee	+ .15
Tulalip	+ .31
Livingston Bay	+ .31

Saratoga Passage

Holmes Harbor	+ .29
Coupeville	+ .32

Skagit Bay

Utsalady	+ .32
La Conner	+ .37
Deception Pass	+ .17

Rosario Strait, Etc.

Burrows Bay, Allan Island	+ .16
Anacortes Fidalgo Island	+ .14
Thatcher Pass, Decatur Island	+ .38
Peavine Pass Obstruction Island	+ .41
Strawberry Bay, Cypress Island	+ .33
Eagle Harbor, Cypress Island	+ .43

Padilla Bay

Bayview	+1.02
Hat Island	+ .42

Bellingham Bay

William Point, Samish Island	+ .47
Chuckanut Bay	+ .57
Bellingham	+ .59

Lummi Bay

Point Migley	+1.03
Sandy Point	+1.06

Georgia Strait

Birch Bay	+1.09
Drayton Harbor, Semiamoo Bay	+1.12
San Juan Channel Cattle Point, San Juan Island	— .18
Green Point, Spieden Island	— .03

To Tell The Time of Tides

PORT TOWNSEND—(Puget Sound) Washington

Haro Strait

Kanaka Bay, San Juan Island ..... — .16
Roche Harbor, San Juan Island ..... — .10
Turn Point, Stuart Island ..... + .06
Alden Point, Patos Island ..... + .31

British Columbia

*Esquimalt Harbor, Vancouver I. ..... + 6.50
*Victoria Harbor, Vancouver I. ..... + 6.39
*Discovery Island Light ..... + 8.32
Active Pass, Mayne Island .... + 1.20
Cowichin Harbor, Vancouver I. ..... + 1.20
Maple Bay, Vancouver I. ..... + 1.26
Oyster Harbor, Vancouver I ..... + 1.47
North Sands Heads Light, Fraser R + 1.26
Atkinson Point Lt., Burrard Inlet ..... + 1.35
Vancouver, Burrard Inlet ..... + 1.43
Port Graves, Gambler I., Howe Sd. ..... + 1.54
Watts Point, Howe Sd. ..... + 2.05
Nanaimo Harbor, Vancouver I. ..... + .58
Nanoose Harbor, Vancouver I. ..... + 1.11
Pender Harbor, Malaspina Strt. + 2.18
Port Augusta, Vancouver I. ..... + 1 96
Baker Passage, Hernando Is. ..... + 2.02
Surge Narrows, Read Island ..... + 2.05
Rendezvous Isls. .... + 3.02
Stuart Is., Bute Inlet ..... + 2.02
Waddington Harbor, Bute Inlet + 3.16
Gowland Har., Discovery Pas. + 1.08

Vancouver Island

Southwest Coast

Race Rocks Light, Fuca Strait ..... — 1.59
Sooke Inlet, Fuca Strait ..... — 2.16
Jordan River, Fuca Strait ..... — 2.32

*As the tide is chiefly diurnal at these stations the differences should be applied only to the higher high-water at Port Townsend.

Eclipses 1931

here will be five eclipses this year, three of the Sun l two of the moon, as follows:

. Total of the moon, April 2nd. Invisible in U. S.

I. Partial of the sun, April 17th-18th. Invisible U. S.

II. Partial of the sun, Sept. 12th. Invisible in U. S. ible in Alaska.

V. Total of the moon, Sept. 26th. Invisible in U. S.

. Partial of the sun, Oct. 11th. Invisible in U. S.

THE PLANETS

RNING STARS: MERCURY, from Jan. 21st to 26th d Sept. 22nd to 28th. VENUS, until Sept. 8th. MARS, til May 27th. JUPITER, until Nov. 15th. SATURN, om Jan. 5th to April 13th.

ENING STARS: MERCURY, from April 1st to 5th, d Dec. 1st to 5th. VENUS, after Sept. 8th. MARS, ter May 27th. JUPITER, after Nov. 15th. SATURN, til Jan. 5th and after April 13th.

GHTEST OR BEST SEEN: MERCURY, within the tes given above. VENUS best seen the first and last rtions of the year. MARS, in January. JUPITER, in uary, and SATURN in July.

SEASONS

NTER, in 1930, begins Dec. 22nd. SPRING, 1931, s March 21st, SUMMER, June 22nd, AUTUMN, 23rd, and WINTER, Dec. 22nd.

CHRONOLOGICAL CYCLES

e Hebrew Year 5692 begins at sunset of Sept. 11th, ay following being celebrated as New Year.

e Mohammedan Year 1350 begins at sunset of May 18th.

inical Letter D. Epact 11. Golden Number 13. Cycle 8. Roman Indiction 14. Julian Period 6644. r Cycle 10.

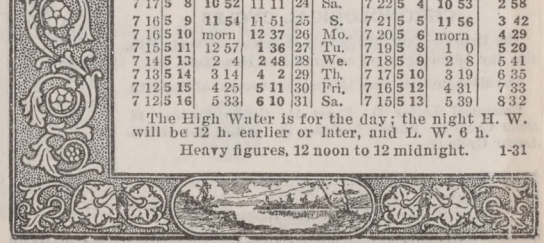
January
1931

MOON'S PHASES	East. Time	Cent. Time	West. Time
☽ Full Moon... 4TH	8 H. 15 M.	7 H. 15 M.	6 H. 15 M.
☾ Last Quarter 11TH	12 H. 9 M.	11 H. 9 M.	10 H. 9 M.
☾ New Moon.. 18TH	1 H. 36 M.	12 H. 36 M.	11 H. 36 M.
☽ First Quarter 26TH	7 H. 5 M.	6 H. 5 M.	5 H. 5 M.

New York City, Phila., Conn., New Jersey, Pa., O., Ind. and Ill. — MEAN TIME			Stan. Time	DAY OF MONTH	DAY OF WEEK	Boston, New England, New York, Mich., Wis., Iowa and Oregon — MEAN TIME			Stan. Time
Sun rises	Sun sets	Moon R. & S.	H.W. N.Y. Gv.Isl.			Sun rises	Sun sets	Moon R. & S.	H.W. Boston CWPr.5
7 25	4 43	4 25	5 35	1	Th.	7 30	4 38	4 29	8 12
7 25	4 44	5 37	5 57	2	Fri.	7 30	4 39	5 42	9 4
7 25	4 45	6 48	6 44	3	Sa.	7 30	4 40	6 54	9 56
7 25	4 46	rises	7 30	4	S.	7 30	4 41	rises	10 42
7 25	4 47	5 55	8 18	5	Mo.	7 30	4 42	5 49	11 33
7 25	4 48	7 13	9 5	6	Tu.	7 29	4 43	7 6	12 23
7 25	4 49	8 36	9 56	7	We.	7 29	4 44	8 33	1 15
7 24	4 50	9 53	10 47	8	Th.	7 29	4 45	9 51	2 6
7 24	4 51	11 7	11 42	9	Fri.	7 29	4 46	11 7	3 0
7 24	4 52	morn	12 41	10	Sa.	7 29	4 47	morn	4 0
7 24	4 53	12 19	1 47	11	S.	7 29	4 48	12 20	4 57
7 23	4 54	1 31	2 53	12	Mo.	7 28	4 50	1 33	5 55
7 23	4 55	2 43	4 5	13	Tu.	7 28	4 51	2 47	6 23
7 23	4 56	3 54	5 7	14	We.	7 28	4 52	3 59	7 20
7 22	4 57	5 3	5 33	15	Th.	7 27	4 53	5 9	8 18
7 22	4 59	6 6	6 22	16	Fri.	7 27	4 54	6 12	9 13
7 21	5 0	7 1	7 8	17	Sa.	7 26	4 55	7 7	10 5
7 21	5 1	sets	7 50	18	S.	7 26	4 56	sets	10 53
7 21	5 2	5 45	8 26	19	Mo.	7 25	4 58	5 40	11 35
7 20	5 3	6 49	9 1	20	Tu.	7 24	4 59	6 45	12 17
7 19	5 4	7 52	9 33	21	We.	7 24	5 0	7 49	12 56
7 18	5 5	8 53	10 4	22	Th.	7 23	5 1	8 51	1 36
7 17	5 7	9 53	10 35	23	Fri.	7 22	5 3	9 53	2 16
7 17	5 8	10 52	11 11	24	Sa.	7 22	5 4	10 53	2 58
7 16	5 9	11 54	11 51	25	S.	7 21	5 5	11 56	3 42
7 16	5 10	morn	12 37	26	Mo.	7 20	5 6	morn	4 29
7 15	5 11	12 57	1 36	27	Tu.	7 19	5 8	1 0	5 20
7 14	5 13	2 4	2 48	28	We.	7 18	5 9	2 8	5 41
7 13	5 14	3 14	4 2	29	Th.	7 17	5 10	3 19	6 35
7 12	5 15	4 25	5 11	30	Fri.	7 16	5 12	4 31	7 33
7 12	5 16	5 33	6 10	31	Sa.	7 15	5 13	5 39	8 32

The High Water is for the day; the night H. W. will be 12 h. earlier or later, and L. W. 6 h.

Heavy figures, 12 noon to 12 midnight.



February
1931

MOON'S PHASES		East. Time	Cent. Time	West. Time
Full Moon..	2ND	7 H 26 M.	6 H. 26 M.	5 H 26M
Last Quarter	9TH	11 H. 10 M.	10 H. 10 M.	9 H 10 M
New Moon..	17TH	8 H 11 M.	7 H. 11 M.	6 H 11 M
First Quarter	25TH	11 H 42 M.	10 H. 42 M.	9 H 42 M

New York City, Phila., Conn., New Jersey, Pa., O., Ind. and Ill.				DAY OF MONTH	DAY OF WEEK	Boston, New England, New York, Mich., Wis., Iowa and Oregon			
MEAN TIME			Stan. Time			MEAN TIME			Stan. Time
Sun rises	Sun sets	Moon R. & S.	H.W. N.Y. Gv.Isl.			Sun rises	Sun sets	Moon R. &S.	H.W. Boston CWPr.5
7 11	5 18	6 23	6 29	1	S.	7 14	5 14	6 30	9 24
7 10	5 19	rises	7 20	2	Mo.	7 13	5 15	rises	10 23
7 9	5 20	6 8	8 7	3	Tu.	7 12	5 16	6 5	11 18
7 7	5 21	7 29	8 52	4	We.	7 11	5 18	7 27	12 10
7 6	5 22	8 49	9 45	5	Th.	7 10	5 19	8 48	1 3
7 5	5 23	10 4	10 33	6	Fri.	7 9	5 21	10 5	1 53
7 4	5 25	11 18	11 25	7	Sa.	7 8	5 22	11 21	2 45
7 3	5 26	morn	12 20	8	S.	7 6	5 23	morn	3 38
7 2	5 27	12 33	1 26	9	Mo.	7 5	5 24	12 36	4 34
7 1	5 28	1 46	2 39	10	Tu.	7 4	5 25	1 50	5 33
7 0	5 30	2 56	3 53	11	We.	7 2	5 26	3 1	6 36
6 58	5 31	4 2	4 57	12	Th.	7 1	5 28	4 8	6 56
6 57	5 32	4 59	5 53	13	Fri.	7 0	5 29	5 5	7 58
6 56	5 34	5 46	6 9	14	Sa.	6 59	5 30	5 52	8 50
6 55	5 35	6 25	6 53	15	S.	6 57	5 32	6 30	9 49
6 53	5 36	6 56	7 31	16	Mo.	6 56	5 33	7 0	10 34
6 52	5 37	sets	8 6	17	Tu.	6 54	5 35	sets	11 15
6 51	5 39	6 44	8 36	18	We.	6 53	5 36	6 42	11 55
6 49	5 40	7 45	9 5	19	Th.	6 52	5 38	7 44	12 30
6 48	5 41	8 44	9 32	20	Fri.	6 50	5 39	8 45	1 8
6 46	5 43	9 41	10 0	21	Sa.	6 48	5 40	9 37	1 46
6 45	5 44	10 48	10 32	22	S.	6 47	5 42	10 50	2 26
6 44	5 45	11 52	11 8	23	Mo.	6 45	5 43	11 56	3 7
6 42	5 46	morn	11 53	24	Tu.	6 44	5 45	morn	3 58
6 41	5 48	12 58	12 49	25	We.	6 42	5 46	1 4	4 43
6 39	5 49	2 8	2 2	26	Th.	6 41	5 47	2 14	5 41
6 38	5 50	3 16	3 32	27	Fri.	6 40	5 49	3 22	6 0
6 37	5 51	4 17	4 50	28	Sa.	6 38	5 50	4 23	7 3

The High Water is for the day; the night H. W. will be 12 h. earlier or later, and L. W. 6 h.

Heavy figures, 12 noon to 12 midnight. 2-31

March
1931

MOON'S PHASES		East. Time	Cent. Time	West. Time
Full Moon...	4TH	5 H. 36 M.	4 H. 36 M.	3 H. 36 M.
Last Quarter	11TH	12 H. 15 M.	11 H. 15 M.	10 H. 15 M.
New Moon..	19TH	2 H. 51 M.	1 H. 51 M.	12 H. 51 M.
First Quarter	27TH	12 H. 4 M.	11 H. 4 M.	10 H. 4 M.

New York City, Phila., Conn., New Jersey, Pa., O., Ind. and Ill.				DAY OF MONTH	DAY OF WEEK	Boston, New England,, New York, Mich., Wis. Iowa and Oregon			
MEAN TIME			Stan. Time			MEAN TIME			Stan. Time
Sun rises	Sun sets	Moon R. & S.	H.W. N.Y. Gv.Isl.			Sun rises	Sun sets	Moon R. & S.	H.W. Boston CWPt.5
6 35	5 53	5 8	5 54	1	S.	6 36	5 51	5 14	8 7
6 34	5 53	5 51	6 12	2	Mo.	6 35	5 52	5 55	9 8
6 32	5 54	rises	7 3	3	Tu.	6 33	5 53	rises	10 6
6 30	5 55	6 19	7 51	4	We.	6 31	5 54	6 17	11 0
6 29	5 56	7 38	8 39	5	Th.	6 30	5 55	7 38	11 52
6 27	5 57	8 56	9 26	6	Fri.	6 28	5 56	8 57	12 43
6 25	5 58	10 13	10 14	7	Sa.	6 26	5 57	10 16	1 35
6 24	5 59	11 30	11 5	8	S.	6 25	5 58	11 34	2 26
6 22	6 0	morn	11 58	9	Mo.	6 23	5 59	morn	3 19
6 21	6 1	12 45	1 3	10	Tu.	6 21	6 1	12 50	4 13
6 19	6 2	1 53	2 19	11	We.	6 20	6 2	1 59	5 17
6 17	6 3	2 55	3 36	12	Th.	6 18	6 3	3 1	6 16
6 16	6 4	3 46	4 40	13	Fri.	6 16	6 4	3 52	6 34
6 14	6 5	4 27	5 35	14	Sa.	6 14	6 5	4 32	7 38
6 12	6 6	5 0	6 20	15	S.	6 13	6 6	5 4	8 36
6 11	6 8	5 27	6 32	16	Mo.	6 11	6 7	5 30	9 26
6 9	6 9	5 49	7 8	17	Tu.	6 9	6 8	5 51	10 9
6 7	6 10	6 9	7 40	18	We.	6 7	6 10	6 10	10 48
6 6	6 11	sets	8 10	19	Th.	6 6	6 11	sets	11 24
6 5	6 12	7 38	8 37	20	Fri.	6 4	6 12	7 39	12 1
6 2	6 13	8 40	9 4	21	Sa.	6 2	6 13	8 42	12 38
6 1	6 14	9 45	9 31	22	S.	6 0	6 14	9 48	1 16
5 59	6 15	10 51	10 3	23	Mo.	5 59	6 15	10 55	1 55
5 58	6 16	11 59	10 41	24	Tu.	5 57	6 16	morn	2 38
5 56	6 17	morn	11 26	25	We.	5 55	6 17	12 4	3 26
5 54	6 18	1 5	12 23	26	Th.	5 53	6 18	1 11	4 20
5 52	6 19	2 7	1 36	27	Fri.	5 52	6 19	2 13	5 18
5 51	6 20	3 0	3 13	28	Sa.	5 50	6 20	3 6	6 22
5 49	6 21	3 45	4 31	29	S.	5 48	6 21	3 50	6 41
5 47	6 22	4 21	5 34	30	Mo.	5 46	6 22	4 25	7 46
5 45	6 23	4 51	6 28	31	Tu.	5 44	6 23	4 54	8 46

The High Water is for the day; the night H. W. will be 12 h. earlier or later, and L. W. 6 h.

Heavy figures, 12 noon to 12 midnight.

April
1931

MOON'S PHASES	East. Time	Cent. Time	West. Time
Full Moon .. 2ND	3 H. 5 M.	2 H. 5 M.	1 H 5 M.
Last Quarter 9TH	3 H. 15 M.	2 H. 15 M.	1 H 15 M.
New Moon...17TH	8 H. 0 M.	7 H. 0 M.	6 H 0 M.
First Quarter 25TH	8 H. 40 M.	7 H. 40 M.	6 H 40 M.

New York City, Phila., Conn., New Jersey, Pa., O., Ind. and Ill.				DAY OF MONTH	DAY OF WEEK	Boston, New England, New York, Mich., Wis., Iowa and Oregon			
MEAN TIME			Stan. Time			MEAN TIME			Stan Time
Sun rises	Sun sets	Moon R. & S.	H.W. N.Y. Gv Isl.			Sun rises	Sun sets	Moon R. & S.	H.W. Boston CWPr.5
5 44	6 24	5 18	6 44	1	We.	5 43	6 25	5 19	9 44
5 42	6 26	rises	7 36	2	Th.	5 41	6 27	rises	10 38
5 41	6 27	7 45	8 22	3	Fri.	5 40	6 28	7 47	11 31
5 39	6 28	9 4	9 8	4	Sa.	5 38	6 29	9 7	12 22
5 37	6 29	10 22	9 57	5	S.	5 36	6 30	10 27	1 13
5 36	6 30	11 37	10 47	6	Mo.	5 35	6 31	11 43	2 5
5 34	6 31	morn	11 40	7	Tu.	5 33	6 32	morn	2 58
5 33	6 32	12 44	12 43	8	We.	5 31	6 33	12 50	3 54
5 31	6 33	1 42	1 55	9	Th.	5 30	6 34	1 47	4 53
5 30	6 34	2 26	3 9	10	Fri.	5 28	6 36	2 32	5 56
5 28	6 35	3 1	4 14	11	Sa.	5 26	6 37	3 6	6 59
5 26	6 36	3 30	5 5	12	S.	5 25	6 38	3 34	7 12
5 25	6 37	3 54	5 48	13	Mo.	5 23	6 39	3 57	8 6
5 21	6 38	4 15	5 59	14	Tu.	5 21	6 40	4 17	8 54
5 22	6 39	4 33	6 36	15	We.	5 20	6 41	4 34	9 35
5 20	6 40	4 52	7 11	16	Th.	5 18	6 42	4 52	10 15
5 18	6 41	5 11	7 42	17	Fri.	5 16	6 43	5 10	10 54
5 17	6 42	sets	8 11	18	Sa.	5 15	6 45	sets	11 29
5 16	6 43	8 42	8 40	19	S.	5 13	6 46	8 46	12 7
5 14	6 44	9 51	9 10	20	Mo.	5 12	6 47	9 56	12 46
5 13	6 45	10 52	9 44	21	Tu.	5 10	6 48	11 3	1 29
5 11	6 46	morn	10 25	22	We.	5 9	6 49	morn	2 14
5 10	6 47	12 1	11 14	23	Th.	5 7	6 50	12 7	3 6
5 8	6 48	12 56	12 12	24	Fri.	5 6	6 51	1 2	4 2
5 7	6 49	1 43	1 28	25	Sat.	5 4	6 52	1 48	5 3
5 6	6 50	2 21	2 54	26	S.	5 3	6 53	2 25	6 4
5 4	6 51	2 52	4 7	27	Mo.	5 1	6 55	2 55	7 5
5 3	6 52	3 18	5 10	28	Tu.	5 0	6 56	3 20	7 26
5 2	6 53	3 42	6 3	29	We.	4 58	6 57	3 43	8 26
5 0	6 55	4 7	6 23	30	Th.	4 57	6 58	4 6	9 22

The High Water is for the day; the night H. W. will be 12 h. earlier or later, and L. W. 6 h.

Heavy figures, 12 noon to 12 midnight.

May
1931

MOON'S PHASES		East. Time	Cent. Time	West. Time
☽ Full Moon ..	2ND	12 H 14 M	11 H 14(1)	10 H 14(1)
☾ Last Quarter.	9TH	7 H 48 M	6 H 48M	5 H 48 M
☾ New Moon..	17TH	10 H 28 M	9 H 28 M	8 H 28 M
☽ First Quarter	24TH	2 H 39 M	1 H 39 M	12 H 39 M
☽ Full Moon..	31ST	9 H 33 M	8 H 33 M	7 H 33 M

New York City, Phila., Conn., New Jersey, Pa., O., Ind. and Ill.				DAY OF MONTH	DAY OF WEEK	Boston, New England New York, Mich., Wis., Iowa and Oregon			
MEAN TIME			Stan. Time			MEAN TIME			Stan. Time
Sun rises	Sun sets	Moon R. & S.	H.W. N Y Gv. Isl.			Sun rises	Sun sets	Moon R. & S.	H W Boston CWPr. 5
4 59	6 56	4 31	7 15	1	Fri.	4 56	7 0	4 29	10 16
4 58	6 57	4 59	8 8	2	Sa.	4 54	7 1	4 56	11 8
4 56	6 58	rises	8 54	3	S.	4 53	7 2	rises	12 0
4 55	6 59	10 24	9 42	4	Mo.	4 52	7 3	10 30	12 50
4 54	7 0	11 28	10 33	5	Tu.	4 51	7 4	11 34	1 42
4 53	7 1	morn	11 24	6	We.	4 49	7 5	morn	2 36
4 52	7 2	12 19	12 21	7	Th.	4 48	7 6	12 25	3 32
4 51	7 3	1 0	1 25	8	Fri.	4 47	7 7	1 5	4 30
4 49	7 4	1 32	2 29	9	Sa.	4 46	7 8	1 36	5 28
4 48	7 5	1 58	3 29	10	S.	4 44	7 9	2 1	6 24
4 47	7 6	2 19	4 21	11	Mo.	4 43	7 10	2 21	7 13
4 46	7 7	2 39	5 5	12	Tu.	4 42	7 11	2 40	7 28
4 45	7 8	2 58	5 45	13	We.	4 41	7 12	2 58	8 15
4 44	7 9	3 16	5 57	14	Th.	4 40	7 13	3 15	8 58
4 43	7 10	3 35	6 36	15	Fri.	4 39	7 14	3 33	9 39
4 42	7 11	3 57	7 11	16	Sa.	4 38	7 15	3 54	10 18
4 41	7 12	4 24	7 46	17	S.	4 37	7 16	4 19	10 59
4 40	7 13	sets	8 21	18	Mo.	4 36	7 17	sets	11 39
4 39	7 14	9 54	8 57	19	Tu.	4 35	7 18	10 0	12 22
4 39	7 15	10 52	9 37	20	We.	4 34	7 19	10 58	1 8
4 38	7 16	11 42	10 21	21	Th.	4 33	7 20	11 47	1 58
4 37	7 17	morn	11 13	22	Fri.	4 32	7 21	morn	2 52
4 36	7 18	12 22	12 13	23	Sa.	4 31	7 22	12 26	3 48
4 36	7 19	12 55	1 21	24	S.	4 31	7 23	12 58	4 47
4 35	7 20	1 22	2 34	25	Mo.	4 30	7 24	1 24	5 47
4 34	7 20	1 46	3 41	26	Tu.	4 29	7 25	1 47	6 44
4 34	7 21	2 9	4 42	27	We.	4 29	7 26	2 9	7 8
4 33	7 22	2 33	5 39	28	Th.	4 28	7 27	2 31	8 7
4 32	7 23	2 58	6 35	29	Fr.	4 27	7 28	2 55	9 2
4 32	7 23	3 28	6 57	30	Sa.	4 27	7 28	3 24	9 55
4 31	7 24	rises	7 49	31	S.	4 26	7 29	rises	10 47

The High Water is for the day; the night H. W. will be 12 h. earlier or later, and L. W. 6 h.

Heavy figures, 12 noon to 12 midnight.

June
1931

MOON'S PHASES	East. Time	Cent. Time	West. Time
☾ Last Quarter 8TH	1 H 18 M	12 H 18 M	11 H 18 M
☽ New Moon..15TH	10 H 2 M	9 H 2 M	8 H 2 M
☽ First Quarter 22ND	7 H 23 M	6 H 23 M	5 H 23 M
☾ Full Moon ..29TH	7 H 47 M	6 H 47 M	5 H 47 M

New York City, Phila Conn., New Jersey, Pa., O., Ind. and Ill.				DAY OF MONTH	DAY OF WEEK	Boston, New England, New York, Mich., Wis., Iowa and Oregon			
MEAN TIME			Stan. Time			MEAN TIME			Stan. Time
Sun rises	Sun sets	Moon r. & s.	H.W. N. Y. Gv.Isl.			Sun rises	Sun sets	Moon r. & s.	H.W. Boston CWPr.5
4 31	7 24	9 11	8 39	1	Mo.	4 25	7 30	9 17	11 38
4 30	7 25	10 8	9 28	2	Tu.	4 25	7 30	10 14	12 27
4 30	7 26	10 54	10 17	3	We.	4 25	7 31	11 0	1 16
4 30	7 26	11 30	11 5	4	Th.	4 24	7 32	11 35	2 11
4 29	7 27	morn	11 55	5	Fri.	4 24	7 32	morn	3 4
4 29	7 28	12 0	12 46	6	Sa.	4 24	7 33	12 2	3 57
4 29	7 28	12 22	1 40	7	S.	4 23	7 33	12 25	4 50
4 29	7 29	12 43	2 31	8	Mo.	4 23	7 34	12 45	5 40
4 28	7 30	1 1	3 23	9	Tu.	4 23	7 35	1 2	6 27
4 28	7 30	1 20	4 10	10	We.	4 23	7 36	1 20	7 10
4 28	7 31	1 39	4 54	11	Th.	4 22	7 36	1 37	7 34
4 28	7 31	2 0	5 36	12	Fri.	4 22	7 37	1 57	8 19
4 28	7 32	2 25	6 16	13	Sa.	4 22	7 37	2 21	9 4
4 28	7 32	2 54	6 55	14	S.	4 22	7 38	2 49	9 47
4 28	7 32	sets	7 24	15	Mo.	4 22	7 38	sets	10 30
4 28	7 33	8 44	8 7	16	Tu.	4 22	7 38	8 50	11 15
4 28	7 33	9 37	8 50	17	We.	4 22	7 39	9 43	12 1
4 28	7 33	10 21	9 35	18	Th.	4 22	7 39	10 26	12 49
4 28	7 34	10 56	10 23	19	Fri.	4 22	7 39	11 0	1 41
4 29	7 34	11 25	11 14	20	Sa.	4 23	7 40	11 28	2 35
4 29	7 34	11 51	12 10	21	S.	4 23	7 40	11 52	3 30
4 29	7 34	morn	1 10	22	Mo.	4 23	7 40	morn	4 27
4 29	7 34	12 14	2 13	23	Tu.	4 23	7 40	12 14	5 23
4 29	7 34	12 37	3 16	24	We.	4 23	7 40	12 35	6 20
4 30	7 35	1 0	4 17	25	Th.	4 24	7 41	12 58	7 14
4 30	7 35	1 28	5 16	26	Fri.	4 24	7 41	1 24	7 47
4 30	7 35	2 1	6 11	27	Sa.	4 24	7 41	1 56	8 43
4 31	7 35	2 42	7 4	28	S.	4 25	7 40	2 33	9 38
4 31	7 35	rises	7 36	29	Mo.	4 25	7 40	rises	10 29
4 32	7 35	8 47	8 26	30	Tu.	4 26	7 40	8 53	11 18

The High Water is for the day; the night H. W. will be 12 h. earlier or later, and L. W. 6 h.

Heavy figures, 12 noon to 12 midnight. 6-31

July
1931

MOON'S PHASES		East. Time	Cent. Time	West. Time
☾ Last Quarter	7TH	6 H. 52 M.	5 H. 52 M.	4 H. 52 M.
● New Moon . .	15TH	7 H. 20 M.	6 H 20 M.	5 H. 20 M.
☽ First Quarter	22ND	12 H. 16 M.	11 H 16(21)	10 H. 16(21)
○ Full Moon . .	29TH	7 H. 47 M.	6 H. 47 M.	5 H. 47 M.

New York City, Phila., Conn., New Jersey, Pa., O., Ind. and Ill. — MEAN TIME: Sun rises	Sun sets	Moon R. & S.	Stan. Time H.W. N.Y. Gv.Isl.	DAY OF MONTH	DAY OF WEEK	Boston, New England, New York, Mich., Wis., Iowa and Oregon — MEAN TIME: Sun rises	Sun sets	Moon R. & S.	Stan. Time H.W. Boston CWPr.5
4 32	7 35	9 27	9 12	1	We.	4 26	7 40	9 32	12 6
4 32	7 35	9 58	9 57	2	Th.	4 26	7 40	10 2	12 54
4 33	7 34	10 24	10 39	3	Fri.	4 27	7 40	10 27	1 40
4 33	7 34	10 45	11 20	4	Sa.	4 28	7 40	10 47	2 27
4 34	7 34	11 5	12 0	5	S.	4 29	7 39	11 6	3 13
4 35	7 34	11 24	12 42	6	Mo.	4 29	7 39	11 24	4 1
4 35	7 33	11 42	1 22	7	Tu.	4 30	7 39	11 41	4 48
4 36	7 33	morn	2 18	8	We.	4 30	7 38	12 0	5 38
4 37	7 33	12 2	3 3	9	Th.	4 31	7 38	morn	6 22
4 37	7 32	12 24	3 53	10	Fri.	4 32	7 38	12 21	7 8
4 38	7 32	12 51	4 46	11	Sa.	4 33	7 37	12 47	7 41
4 39	7 31	1 25	5 39	12	S.	4 33	7 37	1 20	8 31
4 39	7 31	2 9	6 28	13	Mo.	4 34	7 36	2 3	9 19
4 40	7 30	3 4	7 16	14	Tu.	4 35	7 36	2 58	10 7
4 41	7 30	sets	7 51	15	We.	4 36	7 35	sets	10 54
4 42	7 29	8 55	8 39	16	Th.	4 37	7 34	8 59	11 42
4 43	7 28	9 26	9 26	17	Fri.	4 37	7 34	9 29	12 31
4 44	7 27	9 53	10 15	18	Sa.	4 38	7 33	9 55	1 21
4 44	7 27	10 18	11 4	19	S.	4 39	7 32	10 18	2 14
4 45	7 26	10 41	11 56	20	Mo.	4 40	7 31	10 40	3 6
4 46	7 26	11 5	12 53	21	Tu.	4 41	7 30	11 3	4 1
4 47	7 25	11 31	1 50	22	We.	4 42	7 30	11 28	4 57
4 48	7 24	morn	2 57	23	Th.	4 43	7 29	11 57	5 56
4 48	7 23	12 1	3 56	24	Fri.	4 44	7 28	morn	6 53
4 49	7 23	12 39	4 58	25	Sa.	4 45	7 27	12 33	7 50
4 50	7 22	1 24	5 57	26	S.	4 46	7 26	1 18	8 30
4 51	7 21	2 22	6 48	27	Mo.	4 47	7 25	2 14	9 26
4 52	7 20	3 22	7 21	28	Tu.	4 48	7 24	3 16	10 16
4 53	7 19	rises	8 7	29	We.	4 49	7 23	rises	11 2
4 54	7 18	8 27	8 50	30	Th.	4 50	7 22	8 30	11 44
4 55	7 17	8 49	9 28	31	Fr.	4 51	7 21	8 51	12 26

The High Water is for the day; the night H. W. will be 12 h. earlier or later, and L. W. 6 h.

Heavy figures, 12 noon to 12 midnight. 7-31

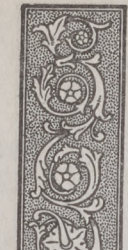
August
1931

MOON'S PHASES	East. Time	Cent. Time	West. Time
☾ Last Quarter 6TH	11 H. 28 M.	10 H. 28 M.	9 H. 28 M.
● New Moon..13TH	3 H. 27 M.	2 H. 27 M.	1 H. 27 M.
☽ First Quarter.20TH	6 H. 36 M.	5 H. 36 M.	4 H. 36 M.
○ Full Moon...27TH	10 H. 9 M.	9 H. 9 M.	8 H. 9 M.

New York City, Phila., Conn., New Jersey, Pa., O., Ind. and Ill.					DAY OF MONTH	DAY OF WEEK	Boston, New England, New York, Mich., Wis., Iowa and Oregon			
MEAN TIME			Stan. Time				MEAN TIME			Stan. Time
Sun rises	Sun sets	Moon R. & S.	H.W. N.Y. Gv.Isl.				Sun rises	Sun sets	Moon R. & S.	H.W. Boston CWPr.5
4 56	7 16	9 S	10 6		1	Sa.	4 52	7 20	9 10	1 7
4 57	7 14	9 28	10 46		2	S.	4 53	7 18	9 28	1 46
4 58	7 13	9 46	11 14		3	Mo.	4 54	7 17	9 45	2 23
4 59	7 12	10 5	11 48		4	Tu.	4 55	7 16	10 3	3 8
5 0	7 11	10 26	12 23		5	We.	4 56	7 15	10 23	3 53
5 1	7 10	10 50	1 5		6	Th.	4 57	7 14	10 46	4 40
5 2	7 9	11 20	1 56		7	Fri.	4 58	7 12	11 14	5 32
5 3	7 7	11 58	2 57		8	Sa.	4 59	7 11	11 53	6 25
5 4	7 6	morn	4 3		9	S.	5 0	7 10	morn	7 20
5 5	7 5	12 48	5 5		10	Mo.	5 1	7 8	12 42	8 2
5 6	7 4	1 49	6 3		11	Tu.	5 2	7 7	1 43	8 56
5 7	7 2	3 2	6 55		12	We.	5 3	7 6	2 56	9 46
5 8	7 1	sets	7 38		13	Th.	5 4	7 4	sets	10 35
5 9	7 0	7 54	8 20		14	Fri.	5 5	7 3	7 56	11 23
5 10	6 58	8 19	9 8		15	Sa.	5 6	7 1	8 20	12 10
5 11	6 57	8 44	9 57		16	S.	5 7	7 0	8 44	12 58
5 12	6 55	9 8	10 45		17	Mo.	5 8	6 58	9 6	1 48
5 13	6 54	9 34	11 37		18	Tu.	5 10	6 57	9 30	2 40
5 14	6 53	10 2	12 30		19	We.	5 11	6 55	9 58	3 33
5 15	6 51	10 38	1 29		20	Th.	5 12	6 54	10 33	4 30
5 16	6 50	11 21	2 34		21	Fri.	5 13	6 52	11 15	5 31
5 17	6 48	morn	3 40		22	Sa.	5 14	6 51	morn	6 36
5 17	6 47	12 14	4 46		23	S.	5 15	6 49	12 7	7 39
5 18	6 45	1 13	5 41		24	Mo.	5 16	6 48	1 7	8 25
5 19	6 44	2 19	6 30		25	Tu.	5 17	6 46	2 14	9 18
5 20	6 42	3 26	7 14		26	We.	5 18	6 44	3 21	10 3
5 21	6 41	rises	7 41		27	Th.	5 19	6 43	rises	10 43
5 22	6 39	7 14	8 19		28	Fri.	5 20	6 41	7 16	11 21
5 23	6 37	7 33	8 54		29	Sa.	5 21	6 39	7 34	11 57
5 24	6 36	7 52	9 26		30	S.	5 22	6 38	7 51	12 31
5 25	6 34	8 10	9 56		31	Mo.	5 23	6 36	8 8	1 6

The High Water is for the day; the night H. W. will be 12 h. earlier or later, and L. W. 6 h.

Heavy figures, 12 noon to 12 midnight. 8-31



September
1931

MOON'S PHASES	East. Time	Cent. Time	West. Time
☾ Last Quarter 5TH	2 H. 21 M.	1 H. 21 M.	12 H. 21 M.
● New Moon..11TH	11 H. 26 M.	10 H. 26 M.	9 H. 26 M.
☽ First Quarter 18TH	3 H. 37 M.	2 H. 37 M.	1 H. 37 M.
○ Full Moon.. 26TH	2 H. 45 M.	1 H. 45 M.	12 H. 45 M.

New York City, Phila., Conn., New Jersey, Pa., O., Ind. and Ill.						Boston, New England, New York, Mich., Wis., Iowa and Oregon			
MEAN TIME			Stan. Time	DAY OF MONTH	DAY OF WEEK	MEAN TIME			Stan. Time
Sun rises	Sun sets	Moon R. & S.	H.W. N.Y. Gv.Isl.			Sun rises	Sun sets	Moon R. & S.	H.W. Boston CWPr.5
5 26	6 33	8 30	10 24	1	Tu.	5 24	6 35	8 27	1 42
5 27	6 31	8 53	10 55	2	We.	5 26	6 33	8 49	2 20
5 28	6 29	9 19	11 32	3	Th.	5 27	6 31	9 14	3 2
5 29	6 28	9 53	12 16	4	Fri.	5 28	6 29	9 48	3 50
5 30	6 26	10 37	1 11	5	Sa.	5 29	6 28	10 31	4 43
5 31	6 25	11 31	2 15	6	S.	5 30	6 26	11 25	5 45
5 32	6 23	morn	3 28	7	Mo.	5 31	6 24	morn	6 45
5 33	6 21	12 37	4 37	8	Tu.	5 32	6 22	12 31	7 34
5 34	6 20	1 52	5 37	9	We.	5 33	6 21	1 47	8 31
5 35	6 18	3 12	6 15	10	Th.	5 34	6 19	3 8	9 25
5 36	6 16	4 33	7 7	11	Fri.	5 35	6 17	4 30	10 14
5 37	6 15	sets	7 55	12	Sa.	5 36	6 15	sets	11 0
5 38	6 13	7 10	8 43	13	S.	5 37	6 14	7 12	11 47
5 39	6 11	7 33	9 31	14	Mo.	5 38	6 12	7 31	12 33
5 40	6 9	8 2	10 21	15	Tu.	5 39	6 10	7 58	1 21
5 41	6 8	8 36	11 13	16	We.	5 40	6 8	8 31	2 11
5 42	6 6	9 18	12 4	17	Th.	5 41	6 7	9 12	3 4
5 43	6 4	10 8	1 11	18	Fri.	5 43	6 5	10 1	4 3
5 44	6 3	11 6	2 18	19	Sa.	5 44	6 3	11 0	5 7
5 45	6 1	morn	3 25	20	S.	5 45	6 1	morn	6 18
5 46	5 59	12 11	4 27	21	Mo.	5 46	6 0	12 5	7 10
5 47	5 58	1 18	5 20	22	Tu.	5 47	5 58	1 13	8 15
5 48	5 56	2 24	6 6	23	We.	5 48	5 56	2 20	9 4
5 49	5 55	3 28	6 34	24	Th.	5 49	5 54	3 25	9 45
5 50	5 53	4 30	7 11	25	Fri	5 50	5 53	4 28	10 20
5 51	5 52	rises	7 45	26	Sa.	5 51	5 51	rises	10 52
5 52	5 50	6 16	8 15	27	S	5 52	5 49	6 15	11 24
5 53	5 48	6 35	8 44	28	Mo.	5 53	5 47	6 32	11 56
5 54	5 46	6 56	9 11	29	Tu.	5 54	5 46	6 53	12 28
5 54	5 44	7 21	9 40	30	We.	5 56	5 44	7 16	1 3

The High Water is for the day; the night H. W. will be 12 h. earlier or later, and L. W. 6 h.

Heavy figures, 12 noon to 12 midnight.

October 1931

MOON'S PHASES		East. Time	Cent. Time	West. Time
☾ Last Quarter	4TH	3 H. 15 M.	2 H. 15 M.	1 H. 15 M.
● New Moon..	11TH	8 H. 6 M.	7 H. 6 M.	6 H. 6 M.
☽ First Quarter	18TH	4 H. 20 M.	3 H. 20 M.	2 H. 20 M.
○ Full Moon..	26TH	8 H. 34 M.	7 H. 34 M.	6 H. 34 M.

New York City, Phila., Conn., New Jersey, Pa., O., Ind. and Ill.					DAY OF MONTH	DAY OF WEEK	Boston, New England, New York, Mich., Wis., Iowa and Oregon			
MEAN TIME			Stan. Time				MEAN TIME			Stan. Time
Sun rises	Sun sets	Moon R. & S.	H.W. N.Y. Gv.Isl.				Sun rises	Sun sets	Moon R. & S.	H.W. Boston CWPr.5
5 56	5 43	7 52	10 14		1	Th.	5 57	5 42	7 47	1 40
5 57	5 41	8 32	10 53		2	Fri.	5 58	5 40	8 26	2 21
5 58	5 39	9 21	11 41		3	Sa.	5 59	5 39	9 15	3 8
5 59	5 38	10 21	12 38		4	S.	6 0	5 37	10 15	4 6
6 0	5 36	11 30	1 45		5	Mo.	6 1	5 35	11 24	5 11
6 1	5 35	morn	3 0		6	Tu.	6 2	5 33	morn	6 20
6 2	5 33	12 46	4 9		7	We.	6 3	5 32	12 41	7 7
6 3	5 31	2 3	5 11		8	Th.	6 4	5 30	2 0	8 6
6 4	5 30	3 23	6 7		9	Fri.	6 6	5 28	3 21	9 0
6 5	5 28	4 42	6 41		10	Sa.	6 7	5 27	4 41	9 48
6 7	5 27	6 1	7 29		11	S.	6 8	5 25	6 2	10 35
6 8	5 25	sets	8 17		12	Mo.	6 9	5 23	sets	11 23
6 9	5 23	6 31	9 6		13	Tu.	6 10	5 22	6 27	12 9
6 10	5 22	7 10	9 56		14	We.	6 11	5 20	7 4	12 57
6 11	5 20	7 58	10 49		15	Th.	6 13	5 19	7 52	1 46
6 12	5 19	8 56	11 47		16	Fri.	6 14	5 17	8 49	2 39
6 13	5 17	10 0	12 50		17	Sa.	6 15	5 15	9 54	3 37
6 14	5 16	11 7	1 57		18	S.	6 16	5 14	11 2	4 41
6 15	5 14	morn	3 3		19	Mo.	6 17	5 12	morn	5 52
6 16	5 13	12 14	4 0		20	Tu.	6 18	5 11	12 10	7 1
6 18	5 12	1 19	4 50		21	We.	6 20	5 9	1 16	7 46
6 19	5 10	2 21	5 34		22	Th.	6 21	5 8	2 19	8 35
6 20	5 9	3 23	6 12		23	Fri.	6 22	5 6	3 22	9 14
6 21	5 7	4 22	6 56		24	Sa.	6 23	5 5	4 22	9 48
6 22	5 6	5 23	7 8		25	S.	6 24	5 3	5 24	10 20
6 23	5 4	rises	7 36		26	Mo.	6 26	5 2	rises	10 52
6 24	5 3	5 26	8 6		27	Tu.	6 27	5 1	5 22	11 24
6 26	5 2	5 55	8 34		28	We.	6 28	4 59	5 50	11 57
6 27	5 1	6 29	9 7		29	Th.	6 29	4 57	6 21	12 32
6 28	4 59	7 17	9 43		30	Fri.	6 31	4 57	7 11	1 11
6 29	4 58	8 13	10 26		31	Sa.	6 32	4 55	8 7	1 53

The High Water is for the day; the night H. W. will be 12 h. earlier or later, and L. W. 6 h.

Heavy figures, 12 noon to 12 midnight. 10-31

November
1931

MOON'S PHASES	East. Time	Cent. Time	West. Time
☾ Last Quarter 3RD	2 H. 17 M.	1 H. 17 M.	12 H. 17 M.
☽ New Moon... 9TH	5 H. 55 M.	4 H. 55 M.	3 H. 55 M.
☽ First Quarter 16TH	9 H. 13 M.	8 H. 13 M.	7 H. 13 M.
☾ Full Moon... 25TH	2 H. 10 M.	1 H. 10 M.	12 H. 10 M.

New York City, Phila., Conn., New Jersey, Pa., O., Ind. and Ill.				DAY OF MONTH	DAY OF WEEK	Boston, New England, New York, Mich., Wis., Iowa and Oregon			
MEAN TIME			Stan. Time			MEAN TIME			Stan. Time
Sun rises	Sun sets	Moon R. & S.	H.W. N.Y. Gv.Isl.			Sun rises	Sun sets	Moon R. & S.	H.W. Boston CWPr.5
6 30	4 57	9 19	11 16	1	S.	6 33	4 54	9 13	2 43
6 31	4 56	10 29	12 14	2	Mo.	6 34	4 53	10 25	3 40
6 32	4 54	11 45	1 22	3	Tu.	6 36	4 51	11 41	4 44
6 34	4 53	morn	2 35	4	We.	6 37	4 50	morn	5 51
6 35	4 52	1 0	3 45	5	Th.	6 38	4 49	12 57	6 38
6 36	4 51	2 15	4 46	6	Fri.	6 39	4 48	2 14	7 35
6 37	4 50	3 32	5 44	7	Sa.	6 41	4 47	3 32	8 30
6 38	4 49	4 50	6 17	8	S.	6 42	4 45	4 52	9 22
6 40	4 48	6 13	7 6	9	Mo.	6 43	4 44	6 19	10 11
6 41	4 47	sets	7 55	10	Tu.	6 44	4 43	sets	11 0
6 42	4 46	5 45	8 44	11	We.	6 46	4 42	5 39	11 48
6 43	4 45	6 40	9 35	12	Th.	6 47	4 41	6 33	12 36
6 44	4 44	7 43	10 27	13	Fri.	6 48	4 40	7 37	1 25
6 46	4 43	8 52	11 23	14	Sa.	6 49	4 39	8 46	2 18
6 47	4 42	10 1	12 23	15	S.	6 51	4 39	9 56	3 13
6 48	4 41	11 8	1 25	16	Mo.	6 52	4 38	11 4	4 12
6 49	4 40	morn	2 25	17	Tu.	6 53	4 37	morn	5 14
6 50	4 39	12 12	3 20	18	We.	6 54	4 36	12 10	6 18
6 51	4 39	1 14	4 11	19	Th.	6 56	4 35	1 12	7 00
6 53	4 38	2 14	4 55	20	Fri.	6 57	4 34	2 14	7 48
6 54	4 38	3 13	5 36	21	Sa.	6 58	4 34	3 14	8 30
6 55	4 37	4 14	6 13	22	S.	6 59	4 33	4 16	9 8
6 56	4 36	5 17	6 33	23	Mo.	7 0	4 32	5 20	9 48
6 57	4 36	6 22	7 5	24	Tu.	7 2	4 32	6 26	10 20
6 58	4 35	rises	7 36	25	We.	7 3	4 31	rises	10 55
6 59	4 35	5 14	8 9	26	Th.	7 4	4 31	5 8	11 32
7 0	4 35	6 8	8 44	27	Fri.	7 5	4 30	6 2	12 10
7 2	4 34	7 11	9 24	28	Sa.	7 6	4 30	7 5	12 52
7 3	4 34	8 21	10 8	29	S.	7 7	4 30	8 16	1 38
7 4	4 34	9 34	11 0	30	Mo.	7 8	4 29	9 30	2 28

The High Water is for the day; the night H. W. will be 12 h. earlier or later, and L. W. 6 h.

Heavy figures, 12 noon to 12 midnight. 11-31

December
1931

MOON'S PHASES		East. Time	Cent. Time	West. Time
☾ Last Quarter	2ND.	11 H. 50 M.	10 H. 50 M.	9 H. 50 M.
● New Moon..	9TH.	5 H. 16 M.	4 H. 16 M.	3 H. 16 M.
☽ First Quarter	16TH.	5 H. 43 M.	4 H. 43 M.	3 H. 43 M.
○ Full Moon..	24TH.	6 H. 23 M.	5 H. 23 M.	4 H. 23 M.
☾ Last Quarter	31ST.	8 H. 23 M.	7 H. 23 M.	6 H. 23 M.

New York City, Phila., Conn., New Jersey, Pa., O., Ind. and Ill.				DAY OF MONTH	DAY OF WEEK	Boston, New England, New York, Mich., Wis., Iowa and Oregon			
MEAN TIME			Stan. Time			MEAN TIME			Stan. Time
Sun rises	sun Sets	Moon r. & s.	H.W. N.Y. Gv.Isl.			Sun rises	Sun sets	Moon r. & s.	H.W. Boston CWPr.5
7 5	4 34	10 48	11 55	1	Tu.	7 10	4 29	10 45	3 23
7 6	4 33	12 0	1 0	2	We.	7 11	4 29	11 59	4 24
7 7	4 33	morn	2 10	3	Th.	7 12	4 28	morn	5 26
7 8	4 33	1 15	3 18	4	Fri.	7 13	4 28	1 15	6 6
7 9	4 32	2 29	4 24	5	Sa.	7 14	4 28	2 30	7 4
7 10	4 32	3 45	5 24	6	S.	7 15	4 28	3 48	8 1
7 11	4 32	5 4	6 22	7	Mo.	7 16	4 29	5 8	8 52
7 12	4 32	6 22	6 47	8	Tu.	7 17	4 28	6 25	9 50
7 13	4 32	sets	7 37	9	We.	7 17	4 28	sets	10 40
7 14	4 32	5 23	8 27	10	Th.	7 18	4 28	5 16	11 30
7 15	4 32	6 31	9 15	11	Fri.	7 19	4 28	6 26	12 19
7 15	4 32	7 42	10 5	12	Sa.	7 20	4 28	7 37	1 8
7 16	4 33	8 51	10 54	13	S.	7 21	4 28	8 47	1 58
7 16	4 33	9 58	11 45	14	Mo.	7 22	4 28	9 55	2 48
7 17	4 33	11 2	12 38	15	Tu.	7 22	4 29	11 0	3 38
7 18	4 33	morn	1 32	16	We.	7 23	4 29	morn	4 31
7 18	4 33	12 3	2 27	17	Th.	7 24	4 29	12 2	5 26
7 19	4 34	1 2	3 21	18	Fri.	7 24	4 29	1 3	6 0
7 20	4 34	2 2	4 12	19	Sa.	7 25	4 30	2 4	6 48
7 20	4 35	3 4	4 58	20	S.	7 26	4 30	3 7	7 37
7 21	4 35	4 8	5 42	21	Mo.	7 26	4 31	4 12	8 22
7 21	4 36	5 14	6 1	22	Tu.	7 26	4 31	5 19	9 6
7 22	4 36	6 20	6 41	23	We.	7 27	4 32	6 27	9 48
7 22	4 39	rises	7 16	24	Th.	7 27	4 32	rises	10 30
7 23	4 39	5 0	7 33	25	Fri.	7 28	4 33	4 55	11 12
7 23	4 39	6 10	8 31	26	Sa.	7 28	4 33	6 5	11 55
7 23	4 39	7 24	9 13	27	S.	7 28	4 34	7 20	12 40
7 24	4 40	8 39	9 57	28	Mo.	7 29	4 35	8 36	1 27
7 24	4 40	9 53	10 46	29	Tu.	7 29	4 36	9 51	2 18
7 24	4 41	11 6	11 38	30	We.	7 29	4 37	11 5	3 8
7 24	4 42	morn	12 32	31	Th.	7 30	4 37	morn	4 8

The High Water is for the day; the night H. W. will be 12 h. earlier or later, and L. W. 6 h.

Heavy figures, 12 noon to 12 midnight. 12-31

Barometer

A RISING BAROMETER.

A rapid rise indicates unsettled weather.

A gradual rise indicates settled weather.

A rise with dry air and cold increasing in summer indicates wind from the northward; and if rain has fallen, better weather may be expected.

A rise with moist air and a low temperature indicates wind and rain from the northward.

A rise with southerly winds indicates fine weather.

A STEADY BAROMETER.

With dry air and seasonable temperature indicates a continuance of very fine weather.

A FALLING BAROMETER.

A rapid fall indicates stormy weather.

A rapid fall with westerly wind indicates stormy weather from the northward.

A fall with a northerly wind indicates storm, with rain and hail in summer, and snow in winter.

A fall with increased moisture in the air, and heat increasing, indicates wind and rain from the southward.

A fall with dry air and cold increasing in winter indicates snow.

A fall after very calm and warm weather indicates rain with squally weather.

The barometer rises for northerly winds, including from northwest by north to the eastward for dry, or less wet weather, for less wind, or for more than one of these changes, except on a few occasions, when rain, hail or snow comes from the northward with strong wind.

The barometer falls for southerly wind, including from southeast by south to the westward, for wet weather, for stronger wind or for more than one of these changes, except on a few occasions, when moderate wind, with rain or snow, comes from the northward.

Weather Signals

Fair Weather. | Rain or Snow. | Local Rain or Snow. | Temperature. | Cold Wave.

No. 1, alone, indicates fair weather, stationary temperature.

No. 2, alone, indicates rain or snow, stationary temperature.

No. 3, alone, indicates local rain or snow, stationary temperature.

No. 1, with No. 4 above it, indicates fair weather, warmer.

No. 1, with No. 4 below it, indicates fair weather, colder.

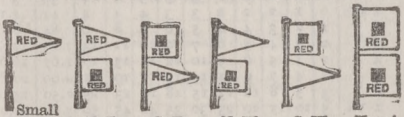
No. 2, with No. 4 above it, indicates rain or snow, warmer.

No. 2, with No. 4 below it, indicates rain or snow, colder.

No. 3, with No. 4 above it, indicates local rain or snow, warmer.

No. 3, with No. 4 below it, indicates local rain or snow, colder.

SMALL CRAFT, STORM AND HURRICANE WARNINGS.



Small Craft Warning. | N. E. Winds. | S. E. Winds. | N. W. Winds. | S. W. Winds. | Hurricane.

SMALL CRAFT WARNING.—A red pennant indicates that moderately strong winds are expected.

STORM WARNINGS.—A red flag with a black center indicates a storm of marked violence.

The pennants displayed with flags indicate direction of wind—red, easterly; white, westerly; pennant above flag indicates wind from northerly quadrants; below, from southerly quadrants.

By night a red light indicates easterly winds, white light below red, westerly winds.

Two red flags with black centers indicate approach of tropical hurricanes.

No night small craft or hurricane signals are displayed.

Interest Tables

4%	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY	0	0	0	0	0	0	0	0	0	0	5	45
8 "	0	0	0	0	0	0	0	0	1	1	9	89
12 "	0	0	0	0	0	1	1	1	1	2	14	1.34
16 "	0	0	0	0	1	1	1	2	2	2	18	1.78
20 "	0	0	0	1	1	2	2	2	2	2	22	2.22
24 "	0	0	1	1	2	2	2	2	3	3	27	2.67
28 "	0	0	1	1	2	2	2	3	3	3	31	3.11
1 MO.	0	0	1	2	2	2	3	3	3	4	34	3.34
2 "	0	2	2	3	4	4	5	6	6	7	67	6.67
3 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
6 "	2	4	6	8	10	12	14	16	18	20	2.00	20.00
1 YR.	4	8	12	16	20	24	28	32	36	40	4.00	40.00

5%	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY	0	0	0	0	0	0	0	0	0	0	6	56
8 "	0	0	0	0	0	0	1	1	1	1	11	1.11
12 "	0	0	0	0	1	1	1	2	2	2	17	1.67
16 "	0	0	0	1	1	2	2	2	2	2	22	2.22
20 "	0	0	1	1	2	2	2	2	3	3	28	2.74
24 "	0	0	1	2	2	2	3	3	3	4	34	3.34
28 "	0	1	1	2	2	3	3	3	4	4	39	3.84
1 MO.	0	1	2	2	2	3	3	4	4	4	42	4.17
2 "	1	2	3	4	4	5	6	7	8	9	84	8.34
3 "	2	3	4	5	6	7	9	10	11	13	1.25	12.50
4 "	2	4	5	6	9	10	12	14	15	17	1.67	16.67
5 "	2	4	7	9	11	13	15	17	19	21	2.09	20.84
6 "	3	5	8	10	13	15	18	20	23	25	2.50	25.00
1 YR.	5	10	15	20	25	30	35	40	45	50	5.00	50.00

6%	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY	0	0	0	0	0	0	0	1	1	1	7	67
8 "	0	0	0	1	1	1	1	1	1	1	13	1.33
12 "	0	0	1	1	1	1	1	2	2	2	20	2.00
16 "	0	1	1	1	1	2	2	2	2	3	27	2.67
1 MO.	1	1	2	2	3	3	4	4	5	5	50	5.00
2 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
3 "	2	3	5	6	8	9	11	12	14	15	1.50	15.00
6 "	3	6	9	12	15	18	21	24	27	30	3.00	30.00
1 YR.	6	12	18	24	30	36	42	48	54	60	6.00	60.00

WEEKLY TABLE OF WAGES, NINE HOURS PER DAY.

Week	½ hour	1 hour	2 hours	3 hours	4 hours	5 hours	6 hours	7 hours	8 hours	1 day	2 days	3 days	4 days	5 days	6 days
$1.50	1	3	6	9	11	14	17	20	22	25	50	75	1.00	1.25	1.50
2.00	2	4	7	11	15	19	22	26	30	33	67	1.00	1.33	1.67	2.00
3.00	3	6	11	17	22	28	33	39	44	50	1.00	1.50	2.00	2.50	3.00
4.00	4	7	15	22	30	37	44	52	59	67	1.33	2.00	2.67	3.33	4.00
5.00	5	9	19	28	37	46	56	65	74	83	1.67	2.50	3.33	4.17	5.00
6.00	6	11	22	33	44	56	67	78	89	1.00	2.00	3.00	4.00	5.00	6.00
7.00	6	13	26	39	52	65	78	91	1.04	1.17	2.33	3.50	4.67	5.83	7.00
8.00	7	15	30	44	59	74	89	1.04	1.19	1.33	2.67	4.00	5 33	6.67	8.00
9.00	8	17	33	50	67	83	1.00	1.17	1.33	1.50	3.00	4.50	6.00	7.50	9.00
10.00	9	19	37	56	74	92	1.11	1.30	1.48	1.67	3.33	5.00	6.67	8.33	10.00
11.00	10	20	41	61	81	1.02	1.22	1.43	1.63	1.83	3.67	5.50	7.33	9.17	11.00
12.00	11	22	44	67	89	1.11	1.33	1.56	1.78	2.00	4.00	6.00	8.00	10.00	12.00
13.00	12	24	48	72	96	1.20	1.44	1.69	1.93	2.17	4.33	6.50	8.67	10.83	13.00
14.00	13	26	52	78	1.04	1.30	1.56	1.81	2.07	2.33	4.67	7.00	9.33	11.67	14.00
15.00	14	28	56	83	1.11	1.39	1.67	1.94	2.22	2.50	5.00	7.50	10.00	12.50	15.00
16.00	15	30	59	89	1.19	1.48	1.78	2.08	2.37	2.67	5.34	8.00	10.67	13.34	16.00
17.00	16	31	63	94	1.26	1.57	1.89	2.20	2.52	2.83	5.67	8.50	11.33	14.17	17.00
18.00	17	33	67	1.00	1.33	1.67	2.00	2.33	2.67	3.00	6.00	9.00	12.00	15.00	18.00

Wage Table

Principal Cities

CITIES	Population 1920.
New York, N. Y.	5,620,048
Chicago, Ill.	2,701,705
Philadelphia, Pa.	1,823,158
Detroit, Mich.	993,739
Cleveland, Ohio	796,836
St. Louis, Mo.	772,897
Boston, Mass.	748,060
Baltimore, Md.	733,826
Pittsburgh, Pa.	588,193
Los Angeles, Cal.	576,073
Buffalo, N. Y.	506,775
San Francisco, Cal.	508,410
Milwaukee, Wis.	457,147
Washington, D. C.	437,571
Newark, N. J.	414,216
Cincinnati, Ohio	401,247
New Orleans, La.	387,219
Minneapolis, Minn.	380,582
Kansas City, Mo.	324,410
Seattle, Wash.	315,652
Indianapolis, Ind.	314,194
Jersey City, N. J.	297,864
Rochester, N. Y.	295,750
Portland, Ore.	258,288
Denver, Col.	256,369
Toledo, Ohio	243,109
Providence, R. I.	237,595
Columbus, Ohio	237,031
Louisville, Ky.	234,891
St. Paul, Minn.	234,595
Oakland, Cal.	216,361
Akron, Ohio	208,435
Atlanta, Ga.	200,616
Omaha, Neb.	191,601
Worcester, Mass.	179,754
Birmingham, Ala.	178,270
Syracuse, N. Y.	171,717
Richmond, Va.	171,667
New Haven, Conn.	162,519
Memphis, Tenn.	162,351
San Antonio, Tex.	161,379
Dallas, Tex.	158,976
Dayton, Ohio	152,559
Bridgeport, Conn.	143,538
Houston, Tex.	138,076
Hartford, Conn.	138,036
Scranton, Pa.	137,783
Grand Rapids, Mich.	137,634
Paterson, N. J.	135,866
Youngstown, Ohio	132,358
Springfield, Mass.	129,563

Principal Cities

CITIES	Population 1920.
Des Moines, Iowa	126,468
New Bedford, Mass.	121,217
Fall River, Mass.	120,485
Trenton, N. J.	119,289
Nashville, Tenn.	118,342
Salt Lake City, Utah	118,110
Camden, N. J.	116,309
Norfolk, Va.	115,777
Albany, N. Y.	113,344
Lowell, Mass.	112,759
Wilmington, Del.	110,168
Cambridge, Mass.	109,694
Reading, Pa.	107,784
Fort Worth, Tex.	106,482
Spokane, Wash.	104,437
Kansas City, Kan.	101,177
Yonkers, N. Y.	100,226
Lynn, Mass.	99,148
Duluth, Minn.	98,917
Tacoma, Wash.	96,965
Elizabeth, N. J.	95,682
Lawrence, Mass.	94,270
Utica, N. Y.	94,156
Erie, Pa.	93,372
Somerville, Mass.	93,091
Flint, Mich.	91,599
Jacksonville, Fla.	91,558
Waterbury, Conn.	91,410
Oklahoma City, Okla.	91,258
Schenectady, N. Y.	88,723
Canton, Ohio	87,091
Fort Wayne, Ind.	86,549
Evansville, Ind.	85,264
Honolulu, T. H.	83,327
Savannah, Ga.	83,252
Manchester, N. H.	78,384
St. Joseph, Mo.	77,939
Knoxville, Tenn.	77,818
El Paso, Tex.	77,543
Bayonne, N. J.	76,754
Peoria, Ill.	76,121
Harrisburg, Pa.	75,917
San Diego, Cal.	74,683
Wilkes-Barre, Pa.	73,833
Allentown, Pa.	73,502
Wichita, Kan.	72,128
Tulsa, Okla.	72,075
Troy, N. Y.	72,013
Sioux City, Iowa	71,227
South Bend, Ind.	70,983
Hoboken, N. J.	68,166

States and Territories

States and Territories	Square Miles.	When Sett'd	Ad-mitted	Popul'n in 1920.
Alabama	52,250	1711	1819	2,348,174
Arizona	113,020	1582	1912	333,903
Arkansas	53,850	1685	1836	1,752,204
California	158,360	1768	1850	3,426,861
Colorado	103,925	1806	1876	939,629
Connecticut	4,990	1635	1789	1,380,631
Delaware	2,050	1638	1787	223,003
Dist. of Colum	70	1790	1790	437,571
Florida	58,680	1565	1845	968,471
Georgia	59,475	1733	1789	2,895,832
Idaho	84,800	1860	1890	431,866
Illinois	56,650	1682	1818	6,485,280
Indiana	36,350	1702	1816	2,930,390
Iowa	56,025	1788	1837	2,404,021
Kansas	82,080	1719	1861	1,769,251
Kentucky	40,400	1787	1792	2,416,630
Louisiana	48,720	1699	1812	1,798,509
Maine	33,040	1635	1820	768,014
Maryland	12,210	1634	1789	1,449,661
Massachusetts	8,315	1620	1789	3,852,356
Michigan	58,915	1670	1837	3,668,412
Minnesota	83,365	1819	1858	2,387,125
Mississippi	46,810	1716	1817	1,790,618
Missouri	69,415	1764	1821	3,404,055
Montana	146,080	1860	1889	548,889
Nebraska	77,510	1854	1867	1,296,372
Nevada	110,700	1848	1864	77,407
New Hampshire	9,305	1623	1789	443,083
New Jersey	7,815	1620	1789	3,155,900
New Mexico	122,580	1582	1912	360,350
New York	49,170	1614	1789	10,384,829
North Carolina	52,250	1650	1789	2,559,123
North Dakota	68,645	1780	1889	645,680
Ohio	41,060	1788	1802	5,759,394
Oklahoma	70,057	1834	1907	2,028,283
Oregon	96,030	1811	1859	783,389
Pennsylvania	45,215	1638	1789	8,720,017
Rhode Island	1,250	1636	1790	604,397
South Carolina	30,570	1690	1789	1,683,724
South Dakota	79,800	1794	1889	636,547
Tennessee	42,050	1750	1796	2,337,885
Texas	265,780	1685	1845	4,663,228
Utah	84,970	1847	1896	449,396
Vermont	9,565	1724	1791	352,428
Virginia	42,450	1607	1789	2,309,187
Washington	69,180	1845	1889	1,356,621
West Virginia	24,780	1607	1863	1,463,701
Wisconsin	56,040	1669	1847	2,632,067
Wyoming	97,890	1869	1890	194,402
Alaska	561,409	1741	....	54,899
Hawaii	6,449	....	....	255,912
Porto Rico	3,606	....	....	1,299,809
Philippines	115,206	....	....	10,350,640

Flag Display Days

Feb. 12. Lincoln's Birthday.

Feb. 22. Washington's Birthday.

Apr. 19. Battle of Lexington.

May 1. Battle of Manila Bay.

Mother's Day. 2nd Sunday in May. In honor of American mother, "The fountain head of the state".

May 30. Memorial Day. In memory of Civil War soldiers.

June 14. Flag Day. Official birthday of Stars and Stripes.

June 17. Battle of Bunker Hill.

July 4. Independence Day. Adoption of the Declaration of Independence.

Labor Day. 1st Monday in September.

Sept. 10. Lake Erie Day.

Sept. 11. Lake Champlain Day.

Oct. 17. Battle of Saratoga. Crisis of the Revolution.

Oct. 19. Surrender of Yorktown.

Nov. 11. Armistice Day. Signing of Armistice in World War.

Easter Sundays

1897	April 18
1898	April 10
1899	April 2
1900	April 15
1901	April 7
1902	Mar. 30
1903	April 12
1904	April 3
1905	April 23
1906	April 15
1907	Mar. 31
1908	April 19
1909	April 11
1910	Mar. 27
1911	April 16
1912	April 7
1913	Mar. 23
1914	April 12
1915	April 4
1916	April 23
1917	April 8
1918	Mar. 31
1919	April 20
1920	April 4
1921	Mar. 27
1922	April 16
1923	April 1
1924	April 20
1925	April 12
1926	April 4
1927	April 17
1928	April 8
1929	Mar. 31
1930	April 20
1931	April 5
1932	Mar. 27
1933	April 16
1934	April 1
1935	April 21
1936	April 12
1937	Mar. 28
1938	April 17
1939	April 9
1940	Mar. 24
1941	April 13
1942	April 5
1943	April 25
1944	April 9
1945	April 1
1946	April 21
1947	April 6
1948	Mar. 28
1949	April 17
1950	April 9
1951	Mar. 25
1952	April 13
1953	April 5
1954	April 18
1955	April 10
1956	April 1
1957	April 21
1958	April 6
1959	Mar. 29
1960	April 17
1961	April 2
1962	April 22
1963	April 14
1964	Mar. 29
1965	April 18
1966	April 10
1967	Mar. 26
1968	April 14
1969	April 6
1970	Mar. 29
1971	April 11
1972	April 2
1973	April 22
1974	April 14
1975	Mar. 30
1976	April 18
1977	April 10
1978	Mar. 26
1979	April 15
1980	April 6
1981	April 19
1982	April 11
1983	April 3
1984	April 22
1985	April 7
1986	Mar. 30
1987	April 19
1988	April 3
1989	Mar. 26
1990	April 15
1991	Mar. 31
1992	April 19
1993	April 11
1994	April 3
1995	April 16
1996	April 7
1997	Mar. 30
1998	April 12
1999	April 4
2000	April 23

U. S. Standard Time

Name	From Greenwich		Standard for
	H	M	
Intercolonial	4	— W.	Porto Rico.....
Eastern.....	5	— W.	East Coast U. S. to Lg. 82½° W. including Cuba.....
Central.....	6	— W.	Lg. 82½° W. to Lg. 97½° W.
Mountain....	7	— W.	Lg. 97½° W. to Lg. 112½° W.
Pacific.....	8	— W.	Lg. 112½° W. to W. Coast U.S.
Hawaiian....	10	30 W.	Hawaiian Islands.....
Philippine ..	8	— E.	Philippine Islands.....

A standard of time was established by mutual agreement in 1883, by which trains are run and local time regulated. According to this system, the United States extending from 65° to 125° west longitude, is divided into four time sections, each of 15° of longitude, exactly equivalent to one hour, commencing with the 75th meridian. The first (eastern) section includes all territory between the Atlantic Coast and an irregular line drawn from Detroit to Charleston, S. C., the latter being its most southern point. The second (central) section includes all the territory between the last-named line and an irregular line from Bismarck, N. D., to the mouth of the Rio Grande. The third (mountain) section includes all territory between the last-named line and nearly the western borders of Idaho, Utah and Arizona. The fourth (Pacific) section covers the rest of the country to the Pacific Coast. Standard time is uniform inside each of these sections, and the time of each section differs from that next to it by exactly one hour. Thus at 12 noon in New York City (eastern time), the time at Chicago (central time) is 11 o'clock A. M.; at Denver (mountain time), 10 o'clock A. M., and at San Francisco (Pacific time), 9 o'clock A. M. Standard time is 16 minutes slower at Boston than true local time, 4 minutes slower at New York, 8 minutes faster at Washington, 19 minutes faster at Charleston, 23 minutes slower at Detroit, 18 minutes faster at Kansas City, 10 minutes slower at Chicago, 1 minute faster at St. Louis, 28 minutes faster at Salt Lake City, and 10 minutes faster at San Francisco.

Presidents

Names.	Born.	Inaugurated	In Office.	Died.	Native of
George Washington....	Feb. 22, 1732	April 30, 1789	8 years.....	Dec. 14, 1799	Virginia
John Adams.....	Oct. 30, 1735	Mar. 4, 1797	4 "	July 4, 1826	Massachus'ts.
Thomas Jefferson.....	April 2, 1743	" 4, 1801	8 "	July 4, 1826	Virginia
James Madison.....	Mar. 16, 1751	" 4, 1809	8 "	June 28, 1836	"
James Monroe.....	April 2, 1759	" 4, 1817	8 "	July 4, 1831	"
John Quincy Adams....	July 11, 1767	" 4, 1825	4 "	Feb. 23, 1848	Massachus'ts
Andrew Jackson.....	Mar. 15, 1767	" 4, 1829	8 "	June 8, 1845	S. Carolina.
Martin Van Buren.....	Dec. 5, 1782	" 4, 1837	4 "	Dec. 27, 1862	New York.
Wm. H. Harrison.....	Feb. 9, 1773	" 4, 1841	1 month.....	April 4, 1841	Virginia.
John Tyler.....	Mar. 20, 1790	April 5, 1841	3 yrs. 11 mos..	Jan. 17, 1862	"
James K. Polk.....	Nov. 2, 1795	Mar. 4, 1845	4 "	June 15, 1849	N. Carolina.
Zachary Taylor.....	Nov. 24, 1790	" 4, 1849	1 year 4 mos...	July 9, 1850	Virginia.
Millard Fillmore.....	May 7, 1800	July 10, 1850	2 yrs. 8 " ..	Mar. 8, 1874	New York.
Franklin Pierce.....	Nov. 23, 1804	Mar. 4, 1853	4 "	Oct. 8, 1869	N. Hampshire
James Buchanan.....	April 23, 1791	" 4, 1857	4 "	June 1, 1868	Pennsylvania
Abraham Lincoln.....	Feb. 12, 1809	" 4, 1861	4 yrs. 40 days	April 15, 1865	Kentucky.
Andrew Johnson.....	Dec. 29, 1808	April 15, 1865	3 " 11 mos...	July 31, 1875	N. Carolina.
Ulysses S. Grant.....	April 27, 1822	Mar. 4, 1869	8 "	July 23, 1885	Ohio.
Rutherford B. Hayes...	Oct. 4, 1822	" 5, 1877	4 "	Jan. 17, 1893	"
James A. Garfield.....	Nov. 19, 1831	" 4, 1881	6 mos. 15 days	Sept. 19, 1881	"
Chester A. Arthur.....	Oct. 5, 1830	Sept. 19, 1881	3 yrs. 5 mos....	Nov. 18, 1886	Vermont.
Grover Cleveland.....	Mar. 18, 1837	Mar. 4, 1885	4 "	June 24, 1908	New Jersey
Benjamin Harrison....	Aug. 20, 1833	" 4, 1889	4 "	Mar. 13, 1901	Ohio.
Grover Cleveland.....	Mar. 18, 1837	" 4, 1893	4 "	June 24, 1908	New Jersey
William McKinley.....	Jan. 29, 1843	" 4, 1897	4 " 6 mos....	Sept. 14, 1901	Ohio.
26 Theodore Roosevelt....	Oct. 27, 1858	Sept. 15, 1901	7 " 6 " ...	Jan. 6, 1919	New York.
William H. Taft.....	Sept. 15, 1857	Mar. 4, 1909	4 "	.....	Ohio.
Woodrow Wilson.....	Dec. 28, 1856	" 4, 1913	8 "	Feb. 3, 1924	Virginia
Warren G. Harding.....	Nov. 2, 1865	" 4, 1921	2 yrs. 5 m....	Aug. 2, 1923	Ohio.
Calvin Coolidge.....	July 4, 1872	Aug. 3, 1923	5 yrs. 7 m....	.....	Vermont
31 Herbert C. Hoover....	Aug. 10, 1874	Mar. 4, 1929	.....	.....	Iowa

Information for Business Men

DEMAND NOTES are payable on presentation, without grace, and bear legal interest after a demand has been made, if not so written. An endorser on a demand note is holden only for a limited time, variable in different States.

A NEGOTIABLE NOTE must be made payable either to bearer, or be properly endorsed by the person to whose order it is made. If the endorser wishes to avoid responsibility, he can endorse "without recourse."

A JOINT NOTE is one signed by two or more persons, who can each become liable for the whole amount.

NO GRACE is allowed in the majority of States on time notes after the time for payment expires. If not paid when due, the endorser, if any, should be legally notified to be holden.

NOTES FALLING DUE ON SUNDAY, or on a legal holiday, must be paid the day following as a rule.

ALTERING A NOTE in any manner, by the holder, makes it void.

NOTES GIVEN BY MINORS are void.

THE MAKER OF A NOTE that is lost or stolen is not released from payment if the amount and consideration can be proven.

NOTES OBTAINED BY FRAUD, or given by intoxicated persons, cannot be collected.

AN ENDORSER has a right of action against all whose names were previously on a note endorsed by him.

A BILL OF EXCHANGE OR DRAFT is an order drawn by one person or firm upon another, payable either at sight or at a stated future time.

A note dated on Sunday is void. An endorser of a note is exempt from liability if not served with notice of its dishonor within 24 hours of its non-payment. Notes bear interest only when so stated. Principals are responsible for their agents. Each individual in partnership is responsible for the whole amount of the debts of the firm. Ignorance of the law excuses no one. It is a fraud to conceal a fraud. It is illegal to compound a felony. The law compels no one to do impossibilities. An agreement without a consideration is void. Signatures in lead pencil are good in law. A receipt for money is not legally conclusive. The acts of one partner bind all the others. Contracts made on Sunday cannot be enforced. A contract with a minor is void. A contract made with a lunatic is void. Written contracts concerning land must be under seal.

DEPOSITS OF MONEY in a bank placed to the credit of depositors are always subject to their check for full amount due.

Weights and Measures

MEASURE OF LENGTH.

4	In.	make	1 Hand.	3	Feet	make	1 Yard.
7.92	In.	"	1 Link.	5½	Yds.	"	1 Rod or Pole.
18	In.	"	1 Cubit.	40	Poles	"	1 Furlong.
12	In.	"	1 Foot.	8	Fur.	"	1 Mile.
6	Ft.	"	1 Fathom.	69 1-6	Miles	make	1 Degree.

60 Geographical Miles make 1 Degree.

1760 Yards } = 1 Mile.
5280 Feet }

MEASURE OF SURFACE.

144	Square Inches	make	1 Square Foot.
9	Square Feet	"	1 Square Yard.
30¼	Square Yards	"	1 Rod, Perch or Pole.
40	Square Rods	"	1 Square Rood.
4	Square Roods	"	1 Square Acre.
10	Square Chains	"	1 Square Acre.
640	Square Acres	"	1 Square Mile.

Gunter's Chain equal to 22 Yards or 100 Links.
272¼ Square Feet make 1 Square Rod.
43,560 Square Feet " 1 Acre.

MEASURE OF SOLIDITY.

1728 Cubic Inches make 1 Cubic Foot.
27 Cubic Feet " 1 Cubic Yard.

AVOIRDUPOIS WEIGHT.

27 7/32	Grains make	1 Drachm (dr.)	or	27 11/32	Grains.
16	Drachms "	1 Ounce (oz.)	or	437½	"
16	Ounces "	1 Pound (lb.)	or	7000	"
28	Pounds "	1 Quarter (qr.).			
4	Quarters "	1 Hundred-Weight (cwt.).			
20	Cwts. "	1 Ton.			
2240	Pounds "	1 Ton.			

TROY WEIGHT.

24 Grains	make	1 Pennyweight,	or	24	Grains.
20 Pennywts.	"	1 Ounce,	or	480	"
12 Ounces	"	1 Pound,	or	5760	"

APOTHECARIES' WEIGHT.

20 Grains make 1 Scruple. 8 Drachms make 1 Ounce.
3 Scruples " 1 Drachm. 12 Ounces " 1 Pound.

DIAMOND WEIGHT.

16 Parts make 1 Grain (4-5ths Grain Troy).
4 Grains " 1 Carat (3 1-5th Grains Troy).

LIQUID MEASURE.

4 Gills make 1 Pint. 31½ Gallons make 1 Barrel.
2 Pints " 1 Quart. 54 Gallons " 1 Hhd.
4 Quarts " 1 Gallon. 252 Gallons " 1 Tun.

DRY MEASURE.

8 Quarts make 1 Peck. 8 Bushels make 1 Quarter.
4 Pecks " 1 Bushel. 36 Bushels " 1 Cheldron.
1 Bushel equal to 2150.42 cubic inches.

Income on Stocks

Purchased at the following prices (par value being $100), and bearing interest at the following rates:

Paid.	2%	2½%	3%	3½%	4%	5%	6%
$50	4.00	5.00	6.00	7.00	8.00	10.00	12.00
55	3.63	4.55	5.45	6.36	7.27	9.09	10.90
60	3.34	4.17	5.00	5.83	6.67	8.33	10.00
65	3.08	3.85	4.62	5.38	6.15	7.69	9.23
70	2.86	3.57	4.28	5.00	5.71	7.14	8.57
75	2.67	3.33	4.00	4.67	5.33	6.66	8.00
80	2.50	3.13	3.75	4.38	5.00	6.25	7.50
85	2.35	2.94	3.53	4.12	4.70	5.88	7.05
90	2.22	2.78	3.33	3.89	4.44	5.55	6.66
91	2.20	2.75	3.29	3.85	4.40	5.49	6.59
92	2.17	2.72	3.26	3.80	4.34	5.43	6.52
93	2.15	2.69	3.23	3.77	4.30	5.38	6.45
94	2.13	2.66	3.19	3.73	4.26	5.32	6.38
95	2.11	2.63	3.16	3.68	4.21	5.26	6.31
96	2.09	2.61	3.13	3.65	4.17	5.21	6.25
97	2.06	2.58	3.09	3.61	4.12	5.15	6.18
98	2.04	2.55	3.06	3.57	4.08	5.10	6.12
99	2.02	2.53	3.03	3.54	4.04	5.05	6.06
101	1.98	2.48	2.97	3.47	3.96	4.95	5.94
102	1.96	2.45	2.94	3.43	3.92	4.90	5.88
103	1.94	2.43	2.92	3.40	3.88	4.85	5.83
104	1.92	2.41	2.89	3.37	3.85	4.81	5.77
105	1.90	2.38	2.86	3.33	3.80	4.76	5.71
106	1.89	2.36	2.83	3.30	3.77	4.72	5.66
107	1.87	2.34	2.81	3.27	3.74	4.67	5.61
108	1.85	2.32	2.78	3.24	3.70	4.63	5.56
109	1.84	2.29	2.75	3.21	3.67	4.59	5.50
110	1.82	2.27	2.73	3.18	3.63	4.54	5.45
115	1.74	2.17	2.61	3.04	3.48	4.34	5.21
120	1.67	2.08	2.50	2.92	3.33	4.16	5.00
130	1.54	1.92	2.31	2.69	3.07	3.84	4.61
140	1.43	1.79	2.14	2.50	2.86	3.57	4.28
150	1.39	1.74	2.09	2.43	2.78	3.48	4.17
160	1.25	1.57	1.88	2.20	2.50	3.13	3.75
170	1.18	1.45	1.72	2.04	2.36	2.90	3.44
180	1.11	1.39	1.67	1.95	2.22	2.78	3.33

Help in Case of Accidents

DROWNING.—1. Loosen clothing, if any. 2. Empty lungs of water by laying body on its stomach, and lifting it by the middle so that the head hangs down. Jerk the body a few times. 3. Pull tongue forward, using handkerchief, or pin with string, if necessary. 4. Imitate motion of respiration by alternately compressing and expanding the lower ribs, about twenty times a minute. Alternately raising and lowering the arms from the sides up above the head will stimulate the action of the lungs. Let it be done gently but persistently. 5. Apply warmth and friction to extremities. 6. By holding tongue forward, closing the nostrils, and pressing the "Adam's apple" back (so as to close entrance to stomach), direct inflation may be tried. Take a deep breath and breathe it forcibly into the mouth of patient, compress the chest to expel the air, and repeat the operation. 7. DON'T GIVE UP! People have been saved after HOURS of patient, vigorous effort. 8. When breathing begins, get patient into a warm bed, give WARM drinks, or spirits in teaspoonfuls, fresh air, and quiet.

SUNSTROKE.—There are two important indications for treatment—reduction of temperature and the use of stimulants. The patient should first be removed to a cooler spot if possible, or at least where shade can be secured. The treatment should be begun at once. The clothing about the neck and body must be either loosened or removed. Cold is particularly indicated in cases where there is great heat of the body, and delirium and convulsive movements are present. This means of reducing the temperature may be applied in the shape of cracked ice about the head and spine, or the use of cold water. If the heat of the body is very great, it may be necessary to wrap the patient in sheets wet with cold water. If there is, besides the great heat, evidence of serious depression, stimulants must be used while the cold is being applied.

BURNS AND SCALDS.—Cover with cooking soda, and lay wet cloths over it. Whites of eggs and olive oil. Olive oil or linseed oil, plain, or mixed with chalk or whiting. Sweet or olive oil and lime-water. Shock, which is always present in severe burns, requires the administration of stimulants. Pain is more constant and intense in burns than in any other form of injury, and requires sedatives, which should be administered by the medical attendant. Later on the appearances of inflammation and other complications are to be carefully watched for.

HÆMORRHAGE.—The usual treatment is rest in the recumbent position; small pieces of ice should be freely swallowed, and the application of ice wrapped in a towel, or in an ice-bag, or snow, cold water, etc., over the stomach; hot applications may be applied to the extremities.

FIRE IN A BUILDING.—Crawl on the floor. The clearest air is the lowest in the room. Cover head with woolen wrap, wet if possible. Cut holes for the eyes. *Don't get excited.*

To Tell Time of Tide

The time of high water at the places following may be found approximately for each day by adding or subtracting from the time of high water at New-York the hours and minutes annexed.

	H. M.
Albany, N. Y.....	+ 9.31
Annapolis, Md.....	+ 8.57
Asbury Park, N. J.....	— 0.37
Atlantic City, N. J....	— 0.29
Baltimore, Md.....	+10.52
Bar Harbor, Me.....	+ 2.50
Beaufort, S. C.....	— 0.9
Block Island, R. I...	— 0.34
Boston, Mass.....	+ 3.22
Bridgeport, Conn.....	+ 3.4
Bristol, R. I.....	— 0.12
Brooklyn Navy Yard.	+ 0.40
Cape May, N. J.....	+ 0.12
Charleston, S. C.....	— 0.43
City Island, N. Y.....	+ 3.2
Coney Island, N. Y...	— 0.20
Eastport, Me.....	+ 3.1
Fernandina, Fla.	— 0.19
Glen Cove, L. I.....	+ 3.1
Gloucester, Mass.....	+ 2.57
Hell Gate Ferry, East River, N. Y	+ 1.53
Isle of Shoals	+ 3.11
Jacksonville, Fla.....	+ 0.36
Key West, Fla.....	+ 0.55
League Island, Pa...	+ 5.12
Long Branch, N.J....	— 0.38
Marblehead, Mass...	+ 3.4
Nahant, Mass.....	+ 3.2
Nantucket, Mass.....	+ 4.31
Newark, N. J.	+ 0.54

	H.M.
New Bedford, Mass..	+ 0.10
Newburyport, Mass..	+ 3.29
New Haven, Conn. ..	+ 3.1
New London, Conn..	+ 1.22
Newport, R. I.....	— 0.22
Norfolk, Va.....	+ 0.56
Norwich, Conn.....	+ 2.5
Ocean Grove, N. J....	— 0.37
Old P. Comfort, Va..	+ 0.37
Philadelphia, Pa.....	+ 5.37
Plymouth, Mass.....	+ 3.12
Point Lookout, Md. .	+ 4.49
Portland, Me.....	+ 3.10
Portsmouth, N. H....	+ 3.16
Poughkeepsie, N. Y.	+ 4.27
Providence, R I.....	+ 0.7
Richmond, Va.	+ 8.47
Rockaway, N. Y.....	— 0.28
Rockland, Me.....	+ 2.55
Rockport, Mass.....	+ 2.50
Salem, Mass.....	+ 3.5
Sandy Hook, N. J....	— 0.32
Savannah, Ga.....	+ 0.20
Southport (Smithville), N. C.....	— 0.43
Stamford, Conn.....	+ 2.59
Vineyard Haven, Mass.	+ 3.35
Washington, D.C. ...	+11.54
Watch Hill, R. I. ...	+ 0.53
West Point, N. Y. ...	+ 2.55
Wilmington, N. C....	+ 0.59

EXAMPLE.—To ascertain at what hour it will be high tide at Sandy Hook on the 1st of July, find first the time of high water at New-York under that date, and then subtract 32 minutes, as found in above table opposite Sandy Hook; the result is the time of high water required.

Remembrancer

Name Charlotte J. Baker, M.D.

Residence 842 Reynard P. O. Box

Telephone No. B-D 264

Business Address City Hall, Room 8

Telephone No. M-5161

Watch No. Case No.

Airship

Automobile No.

Motorcycle No.

Bicycle No.

Bank Book No.

Safe Deposit Box No.

Laundry Mark

Size of Hat Gloves

" Hosiery Cuffs

" Collars Shoes

" Underwear

" Necktie Shirts

	Company	Premium	Due
Fire Ins. Policy			
Life Ins. Policy			

In case of accident notify

Dr. Fred Baker, Point Loma

Wea. THUR. JAN. 1, 1931 Ther.

Had a much better night. but cold still pretty bad. No mail from the children here for a little to-morrow. Read the paper & Fred & slept some during the day. Beth Manton phoned me & said her Father doing well. Mrs. Smith phoned me Mr. Pettis very low. Fred wrote two short temperance Articles for Sunt Univer & will see Mr. Brad tomorrow. Radio from Rome & heard Munshine. Fred tried to see Mr. Dirk. Radio

Wea. Cloudy FRIDAY 2 Rain Ther.

Pretty fair night but still coughing & sneezing & feel pretty penty. Letters from children. No job but he has bonus of 6 mos salary. Sail on Mari Jan. 14 from Honolulu stop at Fielding Hotel in S.F. and crack and at Mattie.

Fred up town after lunch. I read & slept while he was gone. Just after he came home I had stomach & heart disturbance. Better by night time.

Warmer.

Fine Wea. SAT. JAN. 3, 1931 Ther.

Breakfast late - Much better but still sneezing - Mrs. Moran phoned - she seems quite cheerful. Got up about noon & went out in dining room in the sunshine. Had my lunch in big chair. Read to Fred. Mr. Cook called to have Fred name a check. Stuffed up towards night but cough much looser - All quiet by 9 o'clock.
Letter from Lizzie - she has had work writing.

Fine Wea. SUNDAY 4 Ther.

Had good night. Rested all day in bed. Read to Fred most of day. Bjpr down & took bags to fdy - & tickets for Amphion for tomorrow night. Think cold much better but continued anti-cold. Radio in good shape & had some good music. No appetite & did not eat heartily. Fred went down for ice-cream for supper. One of his articles in Union but best part cut out. Grace & Ruth over after supper & Grace visited with Fred & stayed all night.

Fine but heavy clouds off & on -

Wea. MON. JAN. 5, 1931 Ther.

Grace left at 7 for town. Hopes to accomplish something to-day to prevent sale tomorrow of Bert's half interest. Mary Shropshire phoned about Billy coming for a merit badge exam. on Public Health. They are Christian Scientists he was to come in afternoon but did not appear. Rose came before lunch & washed & got lunch & cleared up a little. I went to bed about 5 - not feeling well. Letter from Mr. Wangenheim, very

Wea. ~~TUESDAY 6~~ Ther.

sympathetic & quite cheered Fred up. Letter from Molly. Shed Kem & Jack Brooker go to Friends Sch. Kem all excitement over his parents coming. I wrote a note to Lizzie - Began to rain about 7. Amos & Andy at 8 P.M. Grace home at about 11. Had dinner about 12 & peppermint. Wind blew & kept me awake for some time.

Still raining. Tuesday 6.

Grace down about 7. Was tired to get up early. She had a hard

time yesterday - seeing many
people Wea. ~~Wed. Jan. 7,~~ 1931 ~~Ther.~~
trying to raise the
property for Beth. Many will
bid at sale to-day & there will
probably be little for Beth.
Everyone praises Grace for her
efforts. She says Beth is a
pitiful object & nearly everyone
believes him insane. One cannot
help pitying him. Fletcher seems
to be only one who thinks Grace
should do more. Wonder what his
motive is - Good sheep at 9. but
lost much of it. Ruth & Grace
came after the Amphitrite Concert
& are expected

Wea. ~~THURSDAY 8~~ Ther.
The
sale produced a new man
presumably from Spreckels who
bought the deed & told Grace
he might like to make arrange
ment with her later re. 30
so we are all agreed.

Wednesday 7

Great excitement over the
action of County Supervisors, they
appointed Bernardini at hospital as
Mr. Mullin evidently promised.
Doctors up in arms. I did not
feel fine at all but left on

12¹¹ car for town. Began to be

Wea. ~~Fri.~~ Jan. 9, 1931 Ther.

sick in car but a little better as I cracked in fresh air. Went to Whitings but too crowded & hot for lunch, so up to Barbara's. At first felt sick I could eat but better with cup of coffee. Took car to Mrs. Morris & sat on chair where I could rest my head. Good meeting. Mrs. Minor looked much better. Took car to City Hall. All going well. Mr. Lockwood in about engineers. Mr. Gregory took car to Plaza Hamon 5¹¹ car. Bed & glad to get home 7 hours.

Wea. ~~Saturday~~ 10 Ther.

Rained in night & off & on all day. Paper told of McMullen & Cronk contained his electric but ~~drains~~ ready to go to Grand Jury. Hope. Very cold. Phoned Mrs. Morian she has her cold still. I was "all in" but a little better after lunch. Betty Potter & friends here to see Fred's chicks. Miss Ruth Randall has an big brace in our car. Phoned Mrs. Eliz. Wilson ordered is here with Mr. Damel. Phoned Mrs. Perrin her annual call.

V-8 no. Dr. Fitz.

Mr. Heath phoned. he is still in the fight

Wea. ~~Sun. Jan. 11, 1931~~ Fri. Jan. 9. Ther.

Cleared. Warmer.

Had good night. but was "all in" all day. Gave tickets to Amphion to Dr. Nevell & Mrs. Dale. Mr. John Bailey over in afternoon and took books to Swanson for Fred. to be sent to Frank. Pauf read letters for Fred. Did not feel equal to driving myself. Came in a few minutes on way to Concert. Letters from Annie & Molly. All cheerful & family well.

Wea. ~~Monday 12~~ Satu. 10. Ther.

Fred left at 9 for La Jolla with Lewis Klauber. Phoned Hartley & Deming. Fred ready to serve on Park Election board. Also to Adjt. Taylor about S.R. Reuse Home. he had one phone Col. Herrick State Officer. Was up at 3 & ready to go with Dr. Nevell to La Jolla Clinic by Dr. O.H. Perry Pepper of U. of Penna. Lot of doctors there & at the supper following. We were guests of Mrs. Griffith & Mr. Harper. Mrs. Dicks with us at supper. Lecture at Women's Club House. Home about 10.

Fine Sun. Jan. 11

Wea. ~~TUES. JAN. 13,~~ 1931 Ther.

Dr. Mrs. Ritter was at Scripps Institution meeting yesterday & Fred & he & Mrs. Harper were at lunch with Dr. Vaughan. Mr. Harper gave Fred a ticket for Dr. Norris. Woke this A.M. not nearly as tired as I feared I might be. Started to write many notes but only got a little way on letter to Molly. Had a bad time about 5 & stopped writing. Dr. Ritter did not come as we had hoped. Phoned Mrs. Inman & Mary Chepla. Byrd in to see how I was. She gave me Fred. when I fell asleep & was paddy & crazy

Mon. 12

Wea. ~~Fine WEDNESDAY~~ 14 Ther.

Began on Molly's letter but Fred came to be read to. Dr. Ritter came about 10 & we had good visit. Phone rang three times, once of the men who comes up for a hearing Fred called me & wanted to talk with one. I got word to him through Mrs. Jolly not to come. Phoned Mary about going to Reese Home. Mrs. Inman phoned. Mr. Eddy came for Magazines for of M.C.A. about 4. Had a bad time. Strength & will tired me

and I went with Ruth. Grace & Fred D

Amphion Wea. ~~THUR. JAN.~~ 15, 1931 Ther.

Fine Concert Lea Lubochutz violinist.
Had to stop & change tire on way home.
Fine. Thur. 13.

Had good night but woke in distress & sorrowing before I rallied. Rose in & said Mr. Fernandez operated on Sat. at midnight for appendicitis - She left at 1:30 for hospital, he is doing well. Fred phoned Mrs. Moran I could not come to town to-morrow - Dee & Ada in for few moments but I did not see them. Letter from Molly & Anne. Ate a little for supper. Took Sloyech. & Per. Alga for headache.

Cloudy & Weared. ~~FRIDAY 16~~ Fred. 14. Roberts birthday Ther.

Good night - better but pretty limp. Fred phoned Mrs. Moran. Hearing over & dismissal sustained. no meeting this afternoon. Read a little to Fred. Mrs. Webber in & visited with Fred.

Thur. 15. Fine day.

Fred & I went up at 11. to the 11th Anniversary of Prohibition - A good time out. Mr. Akeltine. Mrs. Jordan & Fred the speaker - Bare Fred White Ribbon Salute. Went to Dr. Potters office and she advised Hepaleb B.P. 160+80. - Freq 90 when I first came in but quieted

Hepaleb

Fine — 16 — Warmer.

Wea. ~~Sat.~~ Jan. ~~17~~, 1931 Ther.

Left on 9 47 car for town. Went direct to meeting of Co. Committee. All there but Mr Mc of Decamidemont over our cards & wrote the 70 on the fire applications & hope we are through. Have two errands chair at Schillers to be mended. Price be ready Monday. Met Mrs. Stoddard & Miss Judy. Mr Lentkin with one on car. Staid aft mtg about 5. Mrs. Watley in for quite a call.

Sat. 17

We wrote Roberts yesterday & had long letter from them.

Wea. ~~Sunday~~ 18 Ther.

Dr. Mahan phoned about Med. Women's meeting but I did not feel equal to going. Letter from Miss Zeisse about piano. Wrote a letter to Lizzie but too tired to write more. Read some to Fred.

Sun. 18

Had a miserable day - but read some to Fred + wrote a letter. Church especially good over radio.

Fine

Wea. MON. JAN. 19, 1931 Ther.

Had another bad day. and could not write much. Fred went to town with Mrs Randall & introduced her to people at Museum. Mrs. Oakley in for a few minutes & Mrs Brister. All no appar. bad phenomenon & lights out at 8.

Think this was the day Nellie Akerman left us. I phoned just as she had gone & Will Akerman came to the phone.

Fine Wea. TUESDAY 20 Ther.

Had good night & felt better but rested most of day to be ready for tomorrow. Dr. Lemmel phoned for Ellen Stadtmuller address. Letter from Lizzie. Fred went to Tuesday Club at 7.05. Turned on radio at 7.30 Played solitaire & put out light about 10. A little late Robert wired he & Anne would be here Sunday. both come. I was greatly relieved. Fred home about 11.

Fines -

Wea. WED. JAN. 21, 1931 Ther.

Went up town at 10½ & right to Dr. Porter's office - Specimen smith. Letter so did not "irrigate" B.P. 160-80. Pulse irregular - Dropped in to see Dr. Read a few moments - Then lunch & went to Mrs. Irvana & had a visit with her before Santa Beach came. Mr. Bunnett at Grand Jury - Fred phoned me Archie rate him at lunch & had lost his job - Archie came for me at 3.30 & took me to Laurel St. We had quite a talk - Home & to bed & very tired & worried -

Wea. THURSDAY 22 Ther.

Did not sleep well & was tired in the morning. Letter from Anne from S.F. seemed very cheerful - Fred went to town to see Mr. Wangenheim - Home about 1. Rose phoned. Mr. Fernandez just home from hospital so did not come up. Read to Fred all afternoon. Sent some birthday cards - Some here to "swear" about petitions. Mrs. Webber in for short call. Cut out all comments on Whitehead & Porter.

Cloudy - Wea. FRI. JAN. 23, 1931 Ther.

A little late in having breakfast. Did some phoning to various people. Had the blank from Mr. Chichester orb. we filled out for Archie - but he knows nothing about it. Heard some rumors about a Mrs. Holt who poses as Prohibition Agent etc. & phoned. Sheriff & he sent Mr. Oliver & Mr. Klindt - & they tell one she is a "stool pigeon" & they have had sometime. but they will investigate it. Mrs. Dale down with petition - Mrs. Christal over to phone Christian Scientist for Viola. Fred wrote letter to Ruby Wrench about prohibition.

Fine Wea. SATURDAY 24 Ther.

Felt much better but excited over children coming. Rose here & had everything clean & ready. Boyd down & offered to help. She came down with petition. Comedist stay in bed after lunch - lest in dining room & read to Fred. Watched the Autos - Children came at 6½ Left Frank at 7 - Looked very sale especially Nan. I went to bed early. Visited to about 10. Rob. sent wire to Molly.

June

Wea. SUN. JAN. 25, 1931 Ther.

Robert phoned Dosh after breakfast & left at 9. To meet him - Byrd phoned for Anne to lunch with her. Ann mixed in date most of this was on Monday - and Sat. so wrong at the was Sunday when children came.

Wea. MONDAY 26 Ther.

See first of Sam. doings! - Robert left in time & was at the ceremonies at North Island - 20th Anniversary of Curtiss hydroplane flights - Robert made the positions - Anne at Byrds for lunch. Read to Fred & wrote Lizzie letter first - Started letter to Molly but about 5 had heart attack - Rest of the day quiet - Robert brought three Radio to us invited of Ken. and Ken quite drilling. Put the load upstairs on ours & great two

Pressure

Fine Warm

Wea. TUES. JAN. 27, 1931 Ther.

Very tired but much better towards night - Anne tired too - Confusion &c. Rob. & Anne up to look at 846 & were quite disturbed over its appearance - I will have it fixed up before long as soon as I know what we will do about money. Rose here & got lunch - Anne to take charge of Kitchen which will be a great relief to me. Robert worked over Radio all evening & found many stations -

Fine Wea. WEDNESDAY 28 81° Ther.

Much warmer than usual - Some years ago it was 85°. I was up to dinner & then we all went up town & Boyd with us - Stopped at City Hall & saw Mayor Clark & the others - Then to meeting at Mrs. Wrans & the others drove out to Archie's - He has a job at Emerald Golf links but hopes to get back with Road work sometime - Did not go to Dr. Potters as she found the conditions much better - Home & bed soon after supper.

Still warm. Fred's birthday

Wea. THUR. JAN. 29, 1931 Ther.

Felt very tired when I waked up
but better after breakfast and
read to Fred most all day.
Robert & Anne up town in
the morning. Anne home &
went to lunch at Mrs. Morton.
Fred took feeling well but
better towards night. I got up to
supper & Byrd down for the
birthday cake & ice-cream.
I went to bed at 8. while the
others played cards. Finished
Madge's letter. Card to Eliz. Buffum

Wea. Fine FRIDAY 30 Ther. Cooler.

Planned Dr. Potter I would
be there at 11. All went up
town. Byrd with us. Left
me at Dr. Potters & I had the
treatment. Took very bad
after all. To go again Tuesday
next. Home & right to bed.
Fred, Rob. & Anne went to
La Jolla after lunch. Took Mrs.
Cummins & La Bard with them.
I rode on accounts until they
came home. Anne & Rob. went
to Sarony in evening.

Cooler.

Fine Wea. SAT. JAN. 31, 1931 Ther.

Rose feeling pretty mean & didn't want to do anything. & didn't for a time. Fred & Rob. went to see Dr. Wessels. Thinks he has pan-sinusitis. Polypoid degeneration of turbinates & distorted septum. Took X-rays. & I am hoping they find sinuses O.K. Dr. in Honolulu found nothing wrong there. Rose here & told us Manuel Moniz had lost job. Hope Rob. can get it. Oakley got home. Read to Fred in afternoon, Anne & Ruth in on way to Mrs. Abels. Children went up to Byrds for "Beans"

Fred started painting walks.

Fine. Wea. SUN. FEB. 1 Ther.

Some better but very tired and Fred advised one to be very quiet & only let me read a little. Radio fine. Fred wrote two letters & I proofread them. One to Lincoln about his Editorial which was pretty good. Mrs. Bowman, Billy & Mrs. Middlebrook came over with our Christmas gift. Grandma Bowman in bad shape and Mr. Bowman greatly upset. Later Juliette & Lucy Newkirk came down to see Anne & came in to

day Hardy to one. Rob. & Anne

Wea. ~~Mon. Feb. 2, 1931~~ Ther.

took a drive around the Points. Just as we were going to bed two cars collided and Robert turned to put his car into Hunter's garage.

Mon. Feb. 2.

Anne & Rob. went up town in morning. Home for lunch — Rob. & Fred up to see Dr. Nonda in afternoon. Ray shows Sunnee in good shape except painfully one — Will operate Wednesday 8 A.M. on Septum & turbinates. Robert brought in his horse to show me. Had sharp

Wea. ~~Tuesday 3~~ Ther.

pain for a time. Tried to get Dr. Potter for birthday greetings & to tell he could not come tomorrow. Anne & I had quite a talk in the afternoon & planned with the best we could.

Tuesday 3.

Rob. took Fred to La Jolla to see Dr. Sherrill & Grace. Sherrill could offer no suggestions about his condition. Grace very receptive & at serene there. Had pain off & on all day. Read some to Fred.

Heavy thunderstorms in night. Hardest I ever knew here. Wea. WED. FEB. 4, 1931 Rainy Ther.

Fred & Robert left at 7.30. Fred got me my breakfast before they left. He phoned about 8.45 Dr. delayed & it was 10 before they began to operate. Phoned when it was over but Rob. did not come home until about 3. but drove home by himself. I went up on 1st car & Mr. Brunnell met me at 3rd St. Genl. Beach took me to Dr. Potter's office & I had treatment. Fred came for me. Bill Nigh took us home. Mr. Spicer in car & left us at Broadway. I went to bed at once. Robert doing well but pretty sore. I had sharp pain while

Still snow Wea. THURSDAY 5 Ther.

Rob left about 8 to see Dr. Wessels & he took out the plugs for him. Rose here & got our lunch. I got up & had my bed made & it felt fine when I went back. Wrote letter to Lizzie but read to Fred most of day. Wanted to get up but Fred advised staying quiet. Had some pain off & on. Rob & Anne went to movie in the afternoon. Anne seems tired but it is about time of moon.

Cleared last lots of clouds.

Wea. FRI. FEB. 6, 1931 Ther.

Robert took Fred & one up to Y.M.C.A. & he went to see Dr. Wendt. Fred & I watched the swimmers a while & then I went in to hear Miss Seaman talk on the message of the prophets It was fine. Anne did not feel like going. Home in car after Father had seen Wargenheim & Ed. H. a satisfactory talk. Rob staid up to lunch with Tom F. & saw Dr. W. in afternoon. I sat up a while & wrote on accounts. Anne on her crown most of day.

X Wea. Fine SATURDAY 7 Ther.

Robert went up town. Rob. to see the Dr. & Anne did some marketing. Rose here & cooked our dinner. Mary, her sister, with meal & refined up some medicine for her. I found I had taken cold so staid quiet in bed until about 4. & then went out in the sunlight in the dining room Mrs. Robbins in for a time. Anne & Rob. went up to matinée at Berry. I went to bed before supper. Robert wrote more tracts. Anne says home a good and just good.

Cloudy. Wea. SUN. FEB. 8, 1931 Ther.

Mrs. Middlebrook phoned about the High School girls & boys debate on 18th Amendment - At A.M.E. Church to night. Fred phoned. Judge Swinkelder about his grand-daughter who was to take part & offered to help her. Had Robert go & get the girls Martha Mathews & Katharine Stock & we gave them late of data - They told us that the coach had divided the boys but told them "not to mind logic but just be dramatic" Rob. took us up to meeting & girls were with hands down. Anne & Rob went up to see Byrd. It was her birthday.

Fine Wea. MONDAY 9 Ther.

Robert went up to see the doctor but was home to lunch. Fred rather discouraged about his eyes. Had letter from Barkan advising the coming of Lens Tuning the scanno slit to look through. Rob. & Anne went up to see Byrd to take medicine for her cough. I read to Fred & got up a little while. Fred did not go to the Teachers meeting. Bed early. Letter from Mrs. Ellis. I phoned message to her friends

Juice. Cool in morning warm later

Wea. TUES. FEB. 10, 1931 Ther

I went up town with Rob. at 9. stopped at City Hall & looked over a number of things. Felt a little concerned over their attitude towards Mrs. Moran. Went to see Dr. Potter at 11. She thinks I have a pyelitis just as Dr. Neilson did but thinks the Hexalob tablets once control it. Juice have bladded urine out once a week or so. Had quite a little distress but slept up to lunch & then bed & took water bottle. Slept most of afternoon. Fred. work to Tuesday

Wea. WEDNESDAY 11 Ther.

Felt feeling much better. Phoned Dr. Crosbie about Mrs. Moran going to office. Phoned Mrs. Moran to have meeting this afternoon. Robert up in morning & lunched with Dr. Demeck. I went up on 12.40 car. Mrs. Clark & Compton on the car with me. Showered a little but cleared as I reached Mrs. Moran. Had a little time with her before the kids came. Mr. Brunnock at Jury meeting. Bert took me to Mrs Richards & I had hair cut. Home on car & [illegible]

Showers off & on.

Wea. THUR. FEB. 12, 1931 Ther.

Fred seemed much discouraged over his eyes yesterday but came better to-day & I read to him some of the time. Anne went to a bridge party with Mrs. Morton, at Mrs. Wilcox on hill back of us, yesterday. Alice Hagins came for this afternoon & they went to Ilac Club Home for lunch & bridge. She did not get as tired to-day. Rob. called on Lester this evening & Anne & Fred visited. I went to sleep early. Heard Pope Pius XI. message to the world on the morning & conversation from Rome to New York Stations - Wonderful!

Clearing. Wea. FRIDAY 13 Ther.

Had restless night. bladder annoyed me & I rose up many times - Tired in the morning. Robert went with me on car to town - he to the doctor I to Y.W.C.A. to hear Miss Seaman talk. Mrs. Minor there & she took a room there - I went with her on car as far San Diego Hotel. Home & Fred got my lunch. I went to bed soon after and read to Fred. Letter from Molly. Robert read to Anne in evening

Some showers.

Wea. SAT. FEB. 14, 1931 Ther.

Anne called Grace on phone & wished her a happy birthday. Robert up to Antrim but home for lunch. Rose here all the afternoon. Anne & Rob. went to Savoy. Rob. to go to Mercy Hosp. early Monday. I went to Goodale at 6. Robert to stay 24 hrs. I wrote a little on accounts & read to Fred.

Wea. ~~Some clouds but on the whole~~ SUNDAY 15 Ther. fine.

All were late in getting up this morning. Anne & Rob. up stairs & I had my lunch all alone. Anne decided to care for the serious. Fred was taking his bath. I got up to dinner. Ate a little too quickly & felt bad for a time. but better after getting out in the air. Fred & I went to 1st Baptist Church to hear Mr. Alvin Stewart of the Flying Squadron who is at Orange again, organizing the days work

various places - 46 of us signed up for the Sec. Church to organization & nominated a Temp. Chairman & Secy.

Wea. MON. FEB. 16, 1931 Ther.

Mr. Elmer Johnson, Secy. Mr Stewart gave us a fine talk. Others spoke in other churches. 70 joined at Univ. Christian in the morning. It ought to win - Home about 5 & bed.

Still cloudy. Mon. 16

Rob. & Fred up at 5 & left at 6 35 for the hospital where Rob. was to have his second operation turbinates & sinus - Fred phoned at 10 10. All over & Rob. O.K. so we were relieved. I wrote letters. Anne & I, Anne went up to hospital in afternoon and visited with Robert. Fred went in to see Dr. Mollitor about my case & he advised quite a rigid diet. no sugar or orange or Peppermint and vegetables like Asparagus - tomatoes &c. To continue the hexalets & thus he hopes to avoid the cystoscopic work. I phoned Dr. Potter about it & will tell Martha Nelson. All in bed early. Letter from Annie Brooks. Fred phoned Rob. at night.

Wea. TUESDAY 17 Ther.

Tues. 17. Clearer.

Wea. ~~Wed.~~ Feb. ~~18.~~ 1931 Ther.

Phoned. Rob. in morning and he was O.K. & will be home soon. Did not care much for my road diet but may get used to it. Robert home about noon with a hard headache. Fed put him to bed with Aspirin. Mrs. Moran phoned. one once or twice about her visit to Toronto. I phoned. the office & Mayor about Bennett's remark in Council. Read to Fred & rested a little. Mrs. Moran case postponed a week.

Wed. 18

Wea. ~~Thursday~~ 19 Ther.

Robert feeling pretty mean. He & Anne went up to see the doctor. Treatment hurt him badly & he came home with furious headache. To see Dr. again on Friday. I went up on 9.17 car to church quite a number there. Stranger preached the sermon. Was pretty tired when I left but O.K. Met Idea Jenis & Mrs. King. also Mrs. McMurdo & Mrs McLeod. the latter walked down with me. Suddenly nauseat pain in bowels. went to bath & thitrup

with some relief but still sick &
heart settling up. Mrs. Reed came to me
& went back for my bag, wh. I had left in
toilet, much to my comfort. Thought I
would never reach car. Met a Mr Swain
who is hunting chemist job. He was on the
"wrong side of a merger". Rode with head
resting & eyes shut & at last reached
home. Mrs. Goodwin helped me up the
steps. Soon in bed. Could do nothing & refused to see anyone. All in bed early.
I had bad headache & weak & irreg. pulse.
Had a sharp nervous chill about 4 A.M.
with head & back ache & nausea. Fed called
Anne down & gave me Hypo. Asleep soon.

Fine. Wea. ~~SATURDAY 21~~ Ther.
Thurs. 19.
Robert has quite a fever & very chiddy.
Seems like flu. Sleeps a good deal
with Aspirin. I was dopy all day. Rose
here & crashed. All in bed early.

Fine Fri. 20
Civil Service meeting yesterday. Mrs.
Moran phoned me about it to-day. Anne
went with Rob. to doctors in the morning.
Treatment very painful & he was shaking
with nervousness & pain when he came
home. Fed went up with him & put him
to bed when he came home. He had
a hard night & had temp. over 100° in afternoon.

in the morning. I had a relapse about
1.30 a.m. Wea. ~~SUN.~~ Sat. FEB. 22, 1931 ~~Ther.~~ 1.21 I took quite a time to come
me. Nitro. Glyc. Nitrite to Anne came down -
after relief. I slept until 5. and asleep
again until 7. Robert slept with Aspirin
& Strych. Temp. at 7 was 100. Rose here.
Letters from Lord Devine & Fred phoned.
Mrs. Moran for me. I agreed with the
act of Commission on action at the
last meeting. Sunday 22.
Robert better in the morning but
it didn't last & by night he was
feeling pretty sick with the pain
Vessels away but called up Poetic
& he thought all was going well
Wea. ~~MONDAY 23~~ Ther.
& pain often severe & continuous
& we all felt better - except Rob -
He had a bad night but did not
care on & we had Poetic over in
the morning Mon. 23. & he recommended
Pyramidon alternating with Aspirin
He has no temp - sub-normal.
I had a little visit with Dr. but
continued my diet & Hygalite - I had
a poor night but gradually was
better during day. Had call from
Dr. Ellis in afternoon - & Fred & I
busy with legislative bills. wh.
are vicious. Fred phoned to

several about them & wrote some letters. I packed with Mrs. Moran a little while. All quiet by 9.

Wea. TUES. FEB. 24, 1931 Ther.

Fine

Ines. 24

I had fair night but very tired in the morning. Rob. did not have very good night. Temp. normal at 8. but soon had heavy chill followed by Temp. 103 3/5 - About 20 mins 103 3/5. but much more comfortable. Phoned Wendt. She will be over about 1. It may be largely from worry. but we are very anxious - Temp. 104 1/5 at 11. but began to go down at 12 - 103 3/5 - Nance from the Laxative. Phoned Wendt he could come over but we decided to wait until 4 30. Dr. Newell in a few moments. Rose here - & also Dr. Wheatis at 12 30. I felt much better after seeing him. Found his pulse very good. & he has no pain. At 1. Temp. 104 4/5 - 3 p.m. 103 - 4 102 - 5 101 3/5 Mrs. Moran phoned Lore postponed & Corrielin will appreciate her.

Wea. WEDNESDAY 25 Ther.

Rob. had intense pain but fever went down to 100. Waited & waited for Dr. Wendt, he came at 9 30. opened up & found pus in sinus - Had great time getting hypo - but at 10 45 Fred gave him 1/4 gr. All quiet by 11. Fred went up at 1 30 & see Rob. All O.K. Slept until 6 30 when he gave him another Hypo. Fred up at 9. Wed. 25 - Anne down at 9. Rob. Temp. 99 2/5 - Some pain but much better. At 11. Phoned Wendt. Rob. temp 99 4/5. but feeling much better - Rose came up & got lunch. Dr. Newell in a short time. Phoned Mrs Chopin & Mrs. Moran. At 1. Rob temp. 100 4/5. Anne read to

Rob. mouth of day. Fred quite vexed esp. as am

J. Wea. ~~THUR. FEB. 26~~, 1931 Ther.

— Thur. 26 —

Fred began milk diet on Sunday. but did not get more than 1½ qts. & it gave him enough & he was pretty limp. Now he is getting 2 qts. & this is the 5th day. Dr. Francis did not come last night. Fred gave Robert ¼ morph. at 10. & it held him until about 3.30. when pain became quite acute. Called Mendal at 7. the drug came over at noon. Gave him hypo. & he is comf. normal. I walked about 5. no pain just restless. Decided to go to town to meeting of Civil Service. Anne looking up wonderfully.

Francis came about 2. & found things in better condition but application caused much pain. He had hypo at 4 when Fred came back from town. Temp. 100⅘ – Fred's mouth to town on street car. Mr. Bannister met me at car. & brought me down after meeting. Home feeling fine but glad to get to bed. Fred gave Rob. Hypo at 8.45. and he slept all night quietly.

Wea. FRIDAY 27 Ther.

Had cortege a distinguished one, but took fell better as the day drew on. Robert had normal temp early but after a little exertion it rose to 99⅘ but went down again. Anne went up to Bryds for dinner. Fred got Robert & Irene. All in bed early.

Fine Sat. 28.

All had good night. Rob took Aspirin once. Anne has quite a sore throat & I have a cold. Phoned Mendal at 9.30 & Fred & Robert rice drive up this A.M. Rob. looked very strange in his full beard & he has lost flesh & is very weak. (over)

came home pretty tired but stand

Wea. SAT. FEB. 28, 1931 Ther.

up to lunch & then back to bed. Had good night. Anne showing the time and her throat also sore. I wrote a little but read to Fred most of time. He wrote some letters. All quiet early. Rob. to go up on Monday

Fine Wea. SUN. MARCH 1 Ther.

Robert stand in bed all day but gaining. Just a little fever 99½. but no pain. I wrote to Mody. Church very good. & other radio concert fine. Mrs. Morrow in for a time and the Lucks came in to pay rent. Robert very nervous & worried, poor boy. but I am sure all will come out O.K. for us all.

Mrs. Swenson now with the baby doing well but needs more work

Fine

Wea. MON. MARCH 2, 1931 Ther. Warm

Acc. feeding better. Anne & Rob. went up to acc. Dr. Dressler in the morning. Fred started lunch when Anne finished. Rob. staid up a little while and wrote some letters. Mrs. Moran phoned that she would be at City Hall on Wednesday. Wrote some on Corporation papers & read to Fred. All in bed early. Fred taking a little more milk will stop arm & go back to his regular diet.

Wea. Fine TUESDAY 3 Ther. Warm

Robert had pain on right & took Aspirin twice. He & Anne left about ~~noon~~ ten. I had a fine bath at 11. and rested end of day. Read aloud to Fred & Rob. in dining room and then Rob & I both went to bed. Robert O.K. but tired. Tuesday Club postponed until next week as Mr. Moultine has cold. Letter from Annie Bowles yesterday. She is sick with Bronchitis but says she is improving.

Wednesday, I think

Wednesday, I think

Fine A.M. Wea. WED. MARCH 4, 1931 Ther.
Both cloudy P.M.
Rob. had good night but I did not sleep well & very tired when I awoke. Rested all the morning and at 1.30 Rob. Anne, Fred & Ruth left. Went up town. I went to Crist Devine on City Hall. Mrs. Doran there. Lots of flowers & quite a reception. Mr. Brunner the Grand Jury back here. Then Aftn. meeting Mayor Clark came in & we had quite a conference. Said Mr. Swenson about baby a few minutes. Mr. Bunker came

Wea. THURSDAY 5 Ther.
about 4 & took me to Y.W.C.A. & Mrs. Doran home. I lay down at Y.W. for rest an hour and Mrs. Hanford told me when it was 5.30. Grace came & went on with me while I had my lunch. & then I watched the swimmers Grace doing wonderfully well. Ruth came back at 7.45 & Fred joined us & we went to Amphion - a fine concert. Paul Robeson, the wonderful colored singer & actor. Lawrence Jones

his accompaniment. Lots good.

Wea. ~~Fri. March 6, 1931~~ Ther.

Grace went home with Matilda 2hs. Ruth brought us home. Rob. & Anne went for a long drive in afternoon. Byrd & Father with them. Robert across like his bed adj.

~~Thurs. 5.~~

Rob. had hard headache about 1 30 yesh. did not go off much before 10. He & Anne went up to the doctors in morning. Rose here & worked. Father went up with them in afternoon. He to the Museum lecture. Rabbi Stauss & they went to show. Mrs. Moran

Wea. ~~Saturday 7~~ Ther.

went to concert last night but was very tired. Stay-at went to City Hall to-day. I found myself very tired & was glad to rest. Sent notes to Bank. Anne & Robert to show in afternoon Robert dreaded going to bed but all quiet by 9. Annie Wt. 148

Fine Fri. 6 Cooler.

Robert had good night I did not rest well. Rob. & Fred went up to see Mr. Kelsey & to the doctors I phoned. Mrs. Moore her birthday. She has just lost her brother

and another brother very ill. Mr.

Wea. ~~SUN. MARCH 8, 1931~~ Ther.

Mrs. more improving. Also phoned Mrs. Campbell of Y.W. who has been in hospital for operation. She is home now & doing very well. Anne had letters from Molly & Kim here had Thu. but is better. Fed Anne. Rob & Boyd went over to La Jolla to call Dr. Vaughan about Sardetic Survey. They called on Grace. Fed went up to the Cornell supper at 6.30 & met me at Y.W.C.A. at 7.15. I was up to supper & went up on 7.45 car. Fine concert. Ruth brought me home.

Sat. 7.

Anne & Rob. went up in the

Wea. ~~MONDAY 9~~ Ther.

morning. No. Anne did not go. Robert took Walter picture to the photographers. & went to lunch with Tommy Faulkner & over to Coronado with him. Rose bring up claies, sewing &c. Rose here. I read to Fed most of day. Expected to get up but was very tired so did not arise.

Fine. Sun. 8

Robert not quite as well, he slept most of morning. Church was fine to-day. I was up

soon after dinner as Fanny

Wea. TUES. MARCH 10, 1931 Ther.

Cushing was coming over to see one about 4. They were late & just caught Lennie Rob. as they were starting up town to an exhibit by Berkshire Stone & her husband. Had a good visit & went to bed after they left. Radio in evening. Mrs. Cadley left Aph. on Tuesday as her boarder took his job she has gone to live with her daughter in Ph.

Wea. Fine ~~WEDNESDAY 11~~ Monday 9 Ther. Cool.

Anne went up with Robert in the morning & stayed up to lunch. I phoned Real Estate man & she thought she had a tenant for the upper & they may come over to-day to see it. Wrote to Lizzie & Mrs. Stevens phoned me Bryant Kinkade had died very suddenly. I wrote a note to Stella at once. Finished Corporation papers all but copying. Phoned Dr. Worthington & he said "Better but J.C." Fred writing a prohibition article. Robert took me up to the

Social Workers meeting. Fred went to
Fellows meeting & he & Will Wright
Wea. ~~THUR. MARCH 12,~~ 1931 Ther.
came for me about 9³⁰ & brought
me home. Mar. 10
Waked at 2. nausea & general
distress. Fred seem had one
easier but I had a trying day.
Rose here. Fred at profs from 6 to
7. with occasional visits home. I
did not go down to vote but I
credit Rose helped much. The
bonds look more than before. A
regular panic over taxes. Robert
doing well. Fred home soon after
9 P.M. All quiet soon after.

Fine Wea. ~~FRIDAY 13~~ Ther.
Restless night & lots of gas. Took Ol Reign
& had no breakfast until about 10.
Robert & Fred went up town. Fed to see
Dr. Rich in afternoon & other errands
did not get home until after 6. Came
up to see Betty Webber in the morning
& Fred. up after he came home &
advised Dr. Whitlock. Fred called up
Dr. Thompson & to go to his office for
a metabolic test etc. Friday. Robert
started on his writing. I wrote letter
to U.S. Civic Service for him & finished
the Corporation papers. Did not go

to Civic Service Meeting. Fred

Wea. SAT. ~~MARCH 14~~, 1931 Ther.

went in to see Stanyat bank nothing definite. All in bed after Anne & Andy.

Thurs.

Rob. ~~& Anne~~ went up town in the morning & came up to lunch he saw some people about the pilot business. Fred felt pretty mean all day, possibly a sick headache & I was very tired & headachey. Read to Fred most of the day & he slept a lot. Anne busy about the house. Rose here & baked. Went to U.S. Civic Service about 8 pm. Friday 13

Wea. Fine ~~SUNDAY 15~~ Ther.

Robert & Anne went up to dinner with Mrs. Nyath. Fred up to Dr. Thompson's office for Metabolism. He was home to get my lunch. Read to him. I was up about 3.30 & Gertrude Laurence came over. She is to have a tonsillectomy by Dr. Jessold on April 14. Dr. Allen to be with her. Anne & Rob. came home while she was here. I went to bed soon after she left. and all the rest in bed early.

It looked like a busy day for me early. Letter from Molly ack. I answered. Letter from Lizzie & Bess. telling of Eliz. Kinkaid's (18) marriage to Arthur Moynihan. Letter from Mrs. Croft about meeting of Inter-racial Committee. Note from Miss Seaman about Life Members Lunch. I wrote to Mary Hodge. & Molly & a thank you note to Miss Scripps for the book she sent me. Had a note from Mrs. Davison about election ack. I answered. Mrs. Dunham phoned about the Charter & asked me to phone Jack Millam but he was out of town. Anne went up to see Betty Webber who is in bad shape & we had her go to Dr. Whitlock. Fred & I think he will do her good. Of course I had message from Mrs. Moran & the office. Fred seems encouraged about his eyes. Report from Thompson shows him Anacine & he will close up my iron. Rob. & Fred fixed the line for $16.

Fine Sun. 15.

Robert seems very tired & worried. Church good & fine sermon. N.Y. Philharmonic fine. I was up again after dinner & rest in dining room & read to Fred. Rob. helped Anne a little. Mrs Summers rec'd to see 8484. Mrs. Bailey had left it in bad

shape. Fred went up to see Hes & Betty &
the ~~[illegible]~~ to fix it up. Grace & Ruth
over a little while. Neither of them quite
well. I was very tired & went out light early

Wed. 16.

Yesterday was Kelsey's birthday. Phoned him.
Poor man is in bad shape. Robert & Fred
off about 9. Anne busy about the house.
Mrs. Emmons phoned about Hawaii. She
lived there many years. Phoned Mrs.
Moran. Anne & I talked quite a time
about people. Phoned Doug. it is his
birthday. I was up after lunch. Fred home
& I phoned Mother Angela about hospital
for Ted room for 8th and day. Tuesday 10th
La Jolla will take us for 5th but Dr. Reach
will not operate there. Rob. home & he &
Anne busy packing etc. until after 9 P.M.
Fred went with Richard Meyers to talk
to Scouts. Dr. Whitebrook over to see Betty.

Thurs. 17.

Rob & Anne off about 9. in good
spirits but not very hopeful
of finding anything for Rob.
Light snow. They will stay with
Ray Hanna a day or two & go to Fresno
Friday. S.F. next week. Three ladies
came for them in afternoon.
Judge Keane & Mr. Van Schaick

came about 10. I quite like him

Wea. ~~Fri. March 20~~, 1931 Ther.

Mrs. Indian phoned & asked me to write something for the Charity. I got right at it & read it aloud to Stenographer. Tried to get Mrs. Fraser of Civic Centre & Mrs. Palerfuss of W.C.T.U. about speaking for it. Rose here with Jeffery very much worried mostly. Read to Fred & he slept a great deal of the time. Jeanita down to phone. says Betty is better. Fred went to Treasury Board Meeting. Seemed strange to be all alone again.

— Wed. 18 —

Wea. ~~Saturday 21~~ Ther.

Rather a restless night. but after resting all the morning Fred & I went up town at 1½. He went to see Kelley, Grace's lawyer & took my specimen to Dr. Inglis. Then joined me at City Hall. Archie came for me & we went to Court House & got Archie's final decree so he is a free man now. He brought us home. Dr. Whitlock called on Betty & Webber & me to see us

for Grace's case.

Thur - March 19.

Wea. ~~Sun. March 22,~~ 1931 Ther.

Had a good night but very tired in morning. Letter from Anne & they left for Ireland this A.M. Read to Fred. Frances Zeluff in about Civic Service & made quite a call. Rose here for a time. Wrote a little & Fred. Wrote to Sen. Harper. Forwarded 6. letters to Anne & Robert. Read the news of day & wrote a little -

Betty improving.

~~Monday 23~~ Friday 20

Wea. Ther. Warm.

Read to Fred as usual. Mrs? came to look at 848 W. but too much hill & steps for her mother. I was up after lunch & sat out in dining room & read to Fred. Letter from Mrs. Restarick & she sent us coffee for our Anniversary. Hartley Hall phoned about Robert & we wired him to call Hartley up. Letter from Anne with more news. Bed before supper

for Paul's a case.

Sat. March 21 88.3 inches rain Hottest 1879 Hot.

Wea. ~~Tues.~~ ~~MARCH 24,~~ 1931 Ther.

A hot day but I went after lunch to City Hall. Police Exam. Very comfortable. Rose here & cleared up getting ready for Children's coming home. Mr. Swenson brought one home about 3.30. Lay on bed on porch for a time but back to bed about 5. Phoned Dr. Wollitz & he let me have a little more liberal diet. Oakley says Robert will be home Sat. Juanita in & says Betty is better. Phoned. a little about election but lights out early

Fine Wea. ~~WEDNESDAY 25~~ ~~Sun 22.~~ Stice warm Ther.

Phoned. Mrs. Blizzus & Mrs. Croff & Mayro Clark. Dr. Read phoned me also about election. Read a little to Fred. Dinner at 11. Fine N. Y. Philharmonic of course good Kedroff quartet as fine as ever. We both did some electioneering off & on. Mon 23. Cooler. Kept pretty quiet all day. Went to Molly & read to Fred & helped him with an Abstract.

Inev. 24 Showers

Wea. ~~Thur.~~ ~~March 26~~, 1931 Ther.

Fred up at 5 & went to probe but home to get my breakfast. Rose & Ray here & Ray helped Rose with carpets &c. Started a letter to May left phone camp after about election. Wrote to Robert in answer to letter from him. Mrs. Frazer here about 2. I got up & she took one to probe Wrote. & then home with one & I started on about my experience until 5 o'clock. Jated Medina in to get Rose. She had the Grabtree to dry for the new lodge. Went to bed & Fred got my supper. Small rate & Fred home from town by ten. Austin 11.149 - Clark 5.730. We once have a stiff fight now. Dunce 6730. Stokel 5848 Russo 5636. Crosbody 4015. Van Schaick 2707

Wea. ~~Friday~~ 27 ~~Ther.~~

Wed. 25.

Mrs. Bleifers phoned me about her interview with Austin & Trinked Mary's letter & read to Fred. Up town on 1st car. Good meeting. Mr. B. much disturbed over Charlie. He fears reducing laborers from 5 to 4 pay &c, his time is up in May & I fear he may refuse to come

forgot. Mr. Banks brought
me home. Mrs. Brown with
us. Went right to bed.

Wea. ~~Sat. March 28~~, 1931 Ther.

Thurs. 26

Mrs. Bleifus phoned. Wanted
me to come to W.C.T.U. meeting
& speak on Charter. Finished
Mary's letter & did some phoning
Letter from Anne, they will be
home Sat. Molly write & had
had quite an exciting week. a
man died in her car while she
was taking him home to. She
does not think she will come
home this vacation. Oh, how I
want her. Went to bed 10.17 car

Wea. ~~Sunday 29~~ Ther.

I was in time to hear Mrs. Middle
brooks report. Oh. was fine. The
women all will stand by
Mrs. Bleifus. I spoke on the
Charter. Came right home
& went to bed. I too tired to
read much. & all quiet by
9.

Fri. 27

Phoned Mrs. Bleifus a number
of times. She went to see Mr. Austin
with Mr. Atkinson. He denies
everything at first but late in
rambling on repeated what all before

Mr. Atkinson & Mrs. Bleifuss. 5

Wea. ~~Mon. March 30, 1931~~ Ther.

his wife - Fred phoned Mr. Atkinson & Mr. Sherlock. of brotherhood. Pretty difficult fight but we are all in it. Spent much time at phone.

Fine A.M. Sat. 28. Showers P.M.

Rose here. Read paper & Fred for article. Took 1st car or intended ~~to but~~ Mr. Lewis took & was early at Doctors lunch. Dr. Mabie came. Dr. Potter & Crandall. Dr. Mahan Dr. Martine & Dr. S from Utica. Later Dr. Ford? who had to have his smoke. Had chance to speak about Charlie & Austin. Met quite a number of people. Wea. Tuesday 31 Ther.

Met a gradnuer at Utica Mr. Brandt his wife killed in Auto accident.

Home & acted in chair & read to Fred. Head still aching off & on since Wednesday. Children came about 6. & we visited some time but Anne pretty tired.

Sunday

A fine day. Had Church over Radio - very good. Robert & Anne busy getting ready for his trip on the Magellan. Grace & Ruth & Ruthie lunch in Amsb. 5

and more quite "chippy".

Wea. ~~Wed. April 1,~~ 1931 Ther.

Archie & the children came in the afternoon. Had a good visit with them. Rob. Anne & Ken. went to see the boat. Head ached so hard to write.

June Nov. 30

Had a nice time Mary with greetings and cards & gifts from many friends. Nice from Molly late in the day. I was up for dinner & we took pictures on the lawn. Visited a little while after dinner. Drank health of Aunt Annie, Molly & Restarick in Kona coffee with Mrs. P. cake etc. Presents kept coming in all day. Bed early.

Wea. ~~Thursday 2~~ Ther.

June 31

Started to go up on 10th car but Mr. Luck drove me up to J.W. went in to see the swimmers as I was very early. Fine lunch all Presidents were there at one table. After dinner they gave us the comedy. Tale of Decas wh. was most amusing. Miss Ryder drove me to the car. Wrote a note to Molly.

Robert & Anne busy getting him ready

to go. both Joe Jamarino decided to take

Wea. ~~Fri. April 3, 1931~~ Ther.

no Navigator. Ken quite furious about it. both Robert quite calm. They decided to go to San Pedro on Sat. & try for Pelah there. Such is life!

~~Thursday April~~

Have my days mixed a little. Rob. took me to Civic Service to-day & this was the day Jamarino decided not to take a Navigator. Rob. & Ken came for me at 3.30. Mr. Bunnell said that he was booked to any meeting & I do not believe he will agree again. Head ached hard & I went right to bed.

June - Thurs. 2.

~~Wea.~~ ~~SATURDAY 4~~ Ther.

Head still aching but not so hard. Rob. took me to town & we picked up Mary Chepla & went to Social Service lunch at Knightstown House. Mrs Adams turned quite well. Met many old friends. Mrs Adams spoke well & praised W.C.T.U. after they presented her flowers especially the W.C.T.U. of Jordan & Mexico. She is a strong upholder of 18th Amend. Mrs O'Connell invited me into one upstairs & then I went into "baby clinic" for a short time. Met Fred at Dr. Mortimer's office. He was very nice & said he

did not think of my age.

Wea. SUN. APRIL 5, 1931 Ther.

he would make a diphtheria exam. but suspected a stone. He prescribed Refractine & Caprokol & not quite as restrictive a diet. Went to Dr. Kinney's office & had X-ray of kidney tract. Fred & Rob went to lecture at Museum & came for me. Home & bed. Byrd here to supper. Mr. Spicer here at lunch & likes the Aph.

Friday Apr. 3 Good S. wind

Dr wrote from Molly. Fred phoned a little before he & Rob. went to La Jolla. Mrs Moran called & will ask the girl to provide for me on Wednesday at the hearing. Ken was off with Walter Morton & was up there to lunch. Anne busy on a bee.

Wea. MONDAY 6 Ther.

Rob. & Fred went to La Jolla to get some data for Rob. I phoned Dr. Potter about my visit to Dr. Mochlor & X-ray, and read a little & looked up phone no. for Fred. All home to dinner and Rob. & Anne up town in afternoon for shopping. They packed in the evening. Ken at Mrs Jennings. Letter from Charles. Fifed accts with Anne.

Sat. April 4.

Wea. ~~Tues.~~ APRIL ~~3~~ 1931 Ther.

All up early except one. I stay in bed as usual. Head stiff aching. Children off about 9. Ron come late. Bank Arsenal over in afternoon. Did politics most all day & heard speeches in the evening. Fred very tired but we have done a lot of work. Letter from Lizzie & Annie Brooks who is much better. Sent some birthday cards.

Sun. 5 Easter

Wire from Mady. R.R. calls once on his late as usual at home. Will be home ~~the~~ June. Head still aches & Fred tired. Must go easy to-day a long week ahead. Good music at night. Wm. Lunt in & said they moved away. Harris gone to National City & Mrs. Hartley to Mr. Vernon. He is 91. Fred phoned a lot.

Wea. ~~Wednesday~~ 6 Ther.

Mon. 6.

Headache last not as bad. Fred finished phoning & I read a little to him. Mrs. Middlebrook phoned about Mrs. Bliffert & her threats from an unknown person. She called police & they

escorted home by a neighbor.

Wea. THUR. APRIL 9, 1931 Ther.

Sam has come home for Austin. Office is busy. Letter for Clark all the time. Went up on 5.30 car & had supper at Y.W. with Social Worker. Fred Ruth & Grace met me & we went to Auditorium, Claire Dup. Left my bag in Auditorium & phoned Dr. Davidson about it. Grace very pessimistic about everything. & my headache. Had nightmare & woke with a very hard headache.

Ther. 7

Mr. Bowman & Billy were yesterday. Letter from Jocky & Mr. Spicer & they will be here July 1. for 2 yrs.

Wea. FRIDAY 10 Ther.

Fred left at 5. Home at 8 & gave me only breakfast. Finished Annie's letter. Took Aspirin & better by noon. Rose here. Fred home to lunch. Mrs. Dale came for me about 4. and I went down to vote & had ice-cream with them. Came home in Clarke's car. Arranged flowers. Ray had cut & rested in big chair. Fred home & I went to bed. Read & slept until his return from town at 10. Austin elected. Clark & Dorrie snowed under. Russo & Statue & Mentlicum & Dunnel. Charter carried by a small majority.

Wed. Apr. 8.

Wea. ~~SAT.~~ APRIL 11, 1931 Ther.

Head still aches but not as hard. Mr. Moran phoned. "Long live the King" but as usual was very pessimistic. Read papers a little & got papers ready for Fred to take to bank. Phoned Janitor of High School about bag ok. is locked up in Auditorium closet. Left on 12.41 car. Mrs. Incker copied resolution for us & Fred went to bank. We had hearing at 2.30. Jerry against Walker. adjourned at 4.30 until next day. Fred came to have & Mrs. Westfall brought us home.

Wea. ~~SUNDAY 12~~ Ther.

Hard headache took Aspirin in night.

Thurs. 9.

Head some better. Rose here. Fred went up to Bank on 12.41 car. I was up & left on 1.17 car. Meeting at 2.30 Lewis presided. I thought two abrupt but all went smoothly. I liked the little lawyer, Procofio. - went into conference & decided charges not proven. Fred came & we came home on car & I went right to bed. Hard headache & took Aspirin.

Fine Wea. ~~Mon.~~ April ~~13,~~ 1931 Ther.

Decided not to take medicine (Naphrectine & Caprokol) but took Aspirin quite often & at last took Allonal. Cleared up a lot of newspapers & read a little but by 9 o'clock put out lights. Awoke with crawling head at 12 - 3 - & 6. Took allonal at 6. Up for a time & had tested eyes no trouble - Skimmed over papers. Stopped all medicine but Strych. & Aspirin. Rose here - Fred wrote Rob. yesterday about the Reserves. Oakley Hall called about a job but

Sun. 12.

~~Wea.~~ N.B. ~~Tuesday 14~~ Aft. Ther.

lunch Geo. Hodge called. Had his family in car & Edgars Ann Blecker. They will be here a couple of wks. Fred lay down in big chair & slept. I played cribbage a little while -

~~Horace~~ & Marde in yesterday on way to Imperial. Only stayed a short time - I had a better night & took no medicine until about noon to-day. Mr. Austin wrote at Church. wonder

where he was. Radio most

Wea. WED. ~~APRIL 15, 1931~~ Ther.

all day. Fred phoned Dr. Anderson at nights & I will go & see him Wednesday. Spice & his family here to look at house. His mother (77) owned hardly be able to climb the steps. Children & all disappointed but it is sometime before July. I liked them all. Lunch quite late & soon after Carrie Bates came in. She looks very well. Fred tired & lied early.

Nov. 13.

Felt better but very tired. Wrote a little & Fred wrote to Annie

B. Wea. ~~THURSDAY 16~~ Ther. Mr. Moran phoned about office work. Ryan has written Lavin his charges against Gray. Solitaire in the evening until after 10. Aspirin once to-day.

Nov. 14

Head felt badly soon after breakfast & I was tired & no pep. Tried to write but soon stopped and took Aspirin. Mrs. Elsie Alderman Bot called up. Also Mrs. Leonard from Boston. Played solitaire. Rose here. Fred went to Museum meeting at 2.30

came home & got my supper &

Wea. FRI. APRIL 17, 1931 Ther.

went with Mr. Davidson to Hist. Museum meeting. Alice Alleman - Post phoned twice & finally asked her husband Vernon Post came to see me. Left about 9½ & I put out the lights. Fed home at 11.

Wed. 15.

Head still aching - Read a little in the papers. We left on 10th car for town. Fred wore his eyeshade & we bought a new one. Went to Dr. Thompson's & Miss Berghe took our blood count. My hemaglobin high 115 - Fred's low last report to come to-morrow. Went to Dr. Reach's office & she wants 3-4 days more. Fred ~~Saturday 18~~ is weak. Dr. gave him a crach to use & wants him to build up. Took car to Broadway & call Dr. Marjine who took B.P. 180-100. Heart has very little vim - she advises that I eat more. Wt. 151 clothed. My best weight 156½. Shall try & eat a little more. Lunch at Lorelei Inn & arrived at City Hall just at 2. Mr. Brunnett will not serve after May 2. Wonder who Austin will appoint. Left at 4½ & went to Dr. Mollitor's office - he advises Aletophan every 4 hrs. for 2 days & then each 2 days - with Aspirin until head stops aching. Spec shows great improvement

Home & bed. Very tired

Thurs. April 16.

Wea. ~~SUN. APRIL 19,~~ 1931 Ther.

Tried but head came better.
Betty Webber had bad attack & Fred went up until Dr. Whitebrook came. I phoned him & Doc. Doc was much grateful to Fred. Fred went down to store & I wrote note to Dime. Letter from Ted yesterday & to-day. Doc wants he home for another week. Rob. threatened asthma from worry. Rose here — Phoned from bank & we have to go up tomorrow. Find I have made no note of X ray finding. No stone but a clouding at lower part of water. ~~Wea.~~ ~~MONDAY 20.~~ ~~Ther.~~ Warm.

Fri. 17

Went up town. At 10½ I went to Bank. Fred did an errand w/ Ted & met me there. Met George Hodgis children — Celeste 13 — Jimmy 9 Stanley 5 & a nurse who speaks no English — George went to Stanford as minor. He graduated the year of Earthquake 1906. in fact at time of earthquake. Fixed up our loan at Bank. & I went & had my hair fixed & lunched

at the Grant. Fred came to
Union Lake Wea. TUES. APRIL 21, 1931 Ther.
& recorded deed who they had
had in Trust on one 1/2 of Linda
Vista tract with Rob. Blair. Met
Mrs. Graham. Dr. C. J. H. of La Mesa
at Grant. Home & lay in chair
a little while but headached
hard so went to bed early.

Sat. 18.

Had good night but headached
& I saw cross to Mrs. Morrow when
she phoned. Rose here. Dr.
Newell took me to meeting
& lunch at Dr. Bennetts.

Had a fine ~~WEDNESDAY 22~~ Wea. Ther.
& good meeting. Dr. Hough read in
her paper & we discussed many
things. Dr. Newell took Drs. Grandall
& La Barnes home & then we came
home. Headached & I saw soon
in bed. Finished letter to Molly

Sun. 19.

Rested all day. Mr. Austin & Miss still
in Wash. & I did not care for his
substitute Read come to Fred.
Good music in evening. Decided
to phone Austin for appointment
with Lane Beach.

Now April 20.

Wea. ~~THUR. APRIL 23,~~ 1931 Ther.

Phoned. Ken. Beach & Brennan about seeing Austin - Then phoned him & found he wanted our resignations, if we did not he would have to take it up with Council - Phoned. Ken. Beach & he came over to see me & we both decided to "sit tight" - Phoned. Reno & he was stand by us, also to Stated & he "will do what is right" Also phoned Hopkins & he said he would help us anyway - Tried to get Inez but she was out. Phoned

Wea. ~~FRIDAY 24~~ Ther.

Higgins re the meeting & he said they would have to make charges &c. Felt much relieved & after hearing Ann & Andy went to sleep. Got letter from Anne & a postal from Molly. Wrote Anne in morning. Head also aching. Jan. 2

Had good night. Head began to ache before breakfast - Took Aspirin - Ken. called me up & told me of his talk on Austin Inez called & was not very

decided but I think will be all right.

Wea. ~~Sat. April 25,~~ 1931 Ther.

Did not write any to-day. Rose here & is to have a lot of dental work done. Dr. Black called & Ted said he might be ready next week for the operation if children came home. Mrs. Leonard of Boston called, she is going to China soon. Mrs. Moran phoned: Mr Austin in the office. She is much disturbed over Bridget. All quiet by 9 P.M. Another letter from Molly & one from Annie Brooks.

Wea. ~~Sunday 26,~~ Ther.

- Wed. 22 -

Had good night but headache in the morning. Took Aspirin before going to town. Left on 12.47 car. & had my lunch at Goldenson's. Mrs. Moran has lunch at office & she was trying it out. Had conference with her before others came. Adjourned meeting at 2.30 for hearing. Dismissed the case after prosecution failed to prove charge. Mr. Austin in to see us & we had quite a conference with him. He said that the Civil Service & Police Dept. were

the two complained to him about

Wea. ~~Mon. April 27, 1931~~ Ther.

during the campaign. Chief complaint were were too old & would not employ young people. He did not know that Charter obliged us to employ citizens. In fact he showed he knew very little about Civil Service. I fear his son in law "Alongren" had filled him as far wrong as others. We shall see what will happen but we shall not resign. Mr. Swenson brought me home. He complained of over work to.

Thurs. 23

Fred & I left at 10 41. I went directly to Home Center & Fred did some

Wea. ~~Tuesday 28~~ Ther.

errands. Lunch at Home Center 5 minutes thence to a good crowd of W.C.T.U. Mrs. Wheeler gave us a fine address & the ministers all spoke once. All realize that the fight is on in earnest. Home a little after 3. Left bag at bank but found it. Hope I stop this performance soon. Indicates age. Head ached. Lord & I took Liquiline & went to bed. Dr. recd from the children. Soon. Married one & all the other worries kept me

awake and I woke very

Wea. WED. APRIL 29, 1931 Ther.

tired & had a chill in the morning of Fri. 24 Rain threatens. Letter from Dr. Emma Lane & from Clare but none from the children. Took A.C.P. & Aspirin at 10.30. Fred went to store. Rose came to-day instead of yesterday & cured & got our lunch. Too tired & all on to write. Mr. De Bryan called to tell of Austin saying he was going to charge me with political activity in Bligh's affairs & see him as witness. When Fred called his attention to it he remembered it was Fred not I who called him. Phoned Sunk. & De Bryan left to see him

Wea. Sat. 25 ~~THURSDAY~~ 30 Ther.

Letter from Anne will probably not be home until Monday. Fred went up town about 10. Errands & lunch with new organization. "Pauline Meis Foundation" for Dry Advertising. About 200 there 6-1 women. Five Speeches. Rose here & got my lunch. Phone message from Rob. from Rose Canyon "will be home in half an hour." They came & we visited until about 10. Anne is very tired but Rob. looked well.

Sun April 26. Rained Cool.

Wea. FRI. ~~MAY 1~~, 1931 Ther.

Fred had Divine about 3 a.m. I had quite a little chest pain about 5 but nitro eased it. About 8 had quite severe attack. Used Nitro & Phenacetine. Easier by 9. but threatened much of day. Rob investigated leaks in 8 & 48. & he did some typing for Fred after lunch. He has a stiff neck & shoulder. Took Phenacetine one or two times. Annie Thompson bothering her. It started while in San Pedro. She did keep quiet few days.

Wea. Cleared ~~SATURDAY~~ 2 May 27 Ther. Warmer

Felt "all in" when I awoke & a little distress but better after breakfast. Decided not to try to go to town. Fred & Robert left after lunch. Read a little but about 4 very nervous & hot. Sottane for a time. Byrd down to see Rose. Dr. Black was near from Fred's bed. Dr. Thompson to exam. & report in morning

Clear. Tues. 28

Arose about 10 but all day. Roberts went up town & drove down. Rose came to get my lunch & Rose on egg

I sick & feeling better towards
Wea. ~~SUN. MAY 3,~~ 1931 Ther.
night.
Phoned. a little & read to Fred.
Dr Thompson reported a few cocci
in the smear from eye & he must
have another smear on Thursday.
before deciding on operation. Anne
may get up to-morrow. All in bed
at 10 p.m. -Wed. 29.
Mr. Austin phoned me again
about assigning tr. but of course I
refused again. Radio went on strike
a few days before children came home
Rob. took it to town yesterday & have to send for parts
to San Francisco. Robert took me to town
Wea. ~~MONDAY 4~~ Ther.
at 11 & I went to Dr. Thompson's
office & had blood from arm taken by Miss
Bergin. Rob. & I went to lunch & he took
me to City Hall. Austin sent in letter
with copy of letter he was to send to the
Council on Monday. Decided not to
answer it. Russo & Stahel in to see us.
Think Russo O.K. but Stahel not to be
depended on. Mayor Clark in after
meeting & hearing. Hearing not very
long. Jerry charged by Savage. Sustained
Savage. Home at 4.20 Went right to
bed. Anne better.

Rained Thurs. April 30
~~Hunstand.~~ Wea. ~~TUES.~~ MAY 5, 1931 Ther.

Fred & Robert came to town. Fred home to lunch. Rose here but Anne got up & helped. Talked over plans with me. Notice in paper Wed. A.M. quite exact. Many comments made to me. The fight is on but I fear we shall lose out. But public will know about it & it will help the Civil Service in future. Fred quite excited about to moved.
Rained in night. Fri. May 1.
Heard from Dr. Thompson. all O.K. & we were accepted & ready about

10. Wea. ~~WEDNESDAY 6.~~ Ther.
Robert went to hospital. we had some little trouble about room but soon settled in 369. with two beds. I had my lunch & unpacked bags. Dr. Potter met us on elevator & became back to operation. Fred had hypo. of codeine about 2. Rob. came & was with me. Operation not on until about 4. Dr. Potter & Capt. exciting. Dis adhesions & cancer necessitating a large ileostomy 3 stitches put in. & every thing done. Less chance inflammation

dark red. Removed complete
with capsule. Fed very
comfortable. No pain in eye only
at times when Dr. took. Dr. in
later had 5 operations to-day. Was
very hopeful of Fred's. Letter to Mrs. Lake
came at 7. Special nurse for night.
Fine. Sat. May 2 Warm.
Fred had a good night except his
back ached. Had Comfort at 10. No
milk only water. Slept a great deal.
I was bitter & had headache took
Aspirin twice. Slept better towards
morning. Some heart pain but
Aspirin relieved it. Nurse gave Fred
a bath & lops at 8. Dr. Roach
in & much pleased. Dr. Potter in a
little later. Rob. came feeling
much better. Anne will be up
tomorrow. I got up after lunch &
went in to see Mrs. Hardy, Chas.
who is just across the hall. Ran
Beds closer to getting & read a little
to Fred. He had milk every
2 hrs. beginning at 11.
Flowers & dear note from
Georgina. Paul had good action
in both nights. Sun.
Flowers from Mat. Hist. Soc. & from
Paul. Lemuta & family. Zeta Phi

in & access. Rob. up late in afternoon
bright. Wea. ~~Sat. May 9, 1931~~ Messages from Ther. Drop. Lucy
Newlink & others. Sat up in chair & read
a little while.
Cloudy. A.M. Sun. May 3. Warmer.
Mrs. Liebe gave Fred Anema a bath &
changed his bed & left at a little before
7. He had a good night & feels fine
this morning except some headache
I was up at 7. & fixed up for the day.
Mrs. Thorbium (?) in with cream of wheat
& a glass of milk at 8 & he went to
sleep. (I wrote a little. Mrs. Liebe came
at 7. & I went to bed and had a
good night. last night). Anne & Rob.
Wea. SUNDAY ~~10~~ May 3. Ther.
came over after lunch and
Dr. Reach about 2. She is greatly
interested because she had to
make the big incidentally but
we told her we understood. I
like her better the more I see of
her. George Hodge called later
& just after him came Carrie
Bates. I was very tired after they
left. & lay down. Fred has some
lumbago. Gave him Phenacetin about
4 P.M. & will give Salicylate of Soda
if he is not better soon. Sister

Mary Gabriel in a few moments & so as fine ~~Wea.~~ ~~Mon. May 11, 1931~~ ~~Ther.~~ as ever. She brought in a Sunbeam about the fourth number. Gave Fred an Amytal tablet at 8. & we quieted down for the night. Mon. May 4.

Had a good night & did not call the night nurse at all. Gave Fred Amytal at 2nd A.M. - Nurse in at 7 before she left & we had breakfast. Phoned the office & the Sun office. Dr. Reader in & Dr. Marjorie Potter & a little late Dr. Doig. He is a rabid Orer. & does not want facts as we are trying to him. Brought union. & cut out Lord article.

Rebech re ~~Wea.~~ to Co ~~Tuesday~~ ~~Ther.~~ & the expected happened. Council supported Austin. Ruso made protest but Alexander said "If we are to support the Mayor lets support him. the crowd cheered. Mrs. Moran phoned me & I sent for the Lord. & we went down to the office. Decided to each write out reply & bring down on Wednesday I sent copies of letters to Higgins & he will advise us what best to do & may take the case. will let us know. Mr. Swinow brought me up to hospital & I had supper. Dr. Reader in & opened eye a little

& he can act. We were all thrilled.

Wea. ~~Wed. May 13, 1931~~ ~~Thur.~~ Wrote Esther Gabriel & Angela ans. Wrote a little in diary. Phoned Rob & Anne & they wrote Wody. Gave Fred. Amytal at 8. & then bed.

Thurs. 5.

A fine night. Night nurse in at 6.30 & had Fred ready for his breakfast when came about 7.30. Nurse also. Mrs. Lake in for a few moments. Started & wrote at 6.30 on my reply & Mayor & Council for the Prom having on Friday. After breakfast phoned Mrs. Moran & she sent Josephine

~~Wed.~~ ~~Thursday 14~~ Thur. up & she took down my letter. Beth Hale in about lunch time. She reports Stanley out of a job as he was drinking again. Robert in & brought mail & - from home. One of our tray boys is from Hawaii & two of them from Guam. Late in afternoon Bert informed me he was notified he was discharged & he does not want to attend any meeting tomorrow. He came to hospital in trouble & will get opinion from the

new City Atty in morning I
called Judge H. & he agrees with
me we are not discharged entirely
after the hearing. Lore of Union
phoned me & I told him I should
be at meeting tomorrow. Dr. Riach
& will be in about 8 to-morrow.
Read a little after bed. left but all
quiet by 9. Wed. 6.
Had another good night. Dr. Riach
in about 9. Opened eye everything
fine could see the ornament on bed
that & her fingers at good distance.
All very happy. After dinner Anne
& Rob. came for me & I went down
to City Hall Wea. ~~SATURDAY 16.~~ Ther.
Bannerman came & we had our
regular meeting. Sent with there.
Union reporter in. After meeting
I called up several about Friday
meeting. Dr Aryan in & I gave him
10 names to send copy of Broom. tried
Telford early & had reply in afternoon
he will be here. Swanson took me
home, or hospital, at 4.30. Just in time
for supper. Bed right after & was
so tired I went right to sleep.
Fine night Hours 14
Rested in bed all day. Felt doing

well. Dr. Will Ogmore come tomorrow
Stanley Hale in for a call. Robert
up in afternoon.

Wea. SUN. ~~MAY 17,~~ 1931 Ther.

Friday May 8.

Up early & was all ready for Rob at
6 15. Fred in fine shape. Down to
City Hall. Found Mr. Telford & Gen. Beach. &
we went into Council Chamber about 10. Met
some members of Council & Mayor All very
courteous. About 50 representative women
& a few men there, greeted me effusively. Gen.
& I read our papers & Mr. Telford spoke two or
three times & made a fine impression.
Applause great. O.M. Terry one of the discharged
women spoke & had a crowd of dignitted
men there to applaud him & Mayor. General

Wea. ~~MONDAY 18~~ ~~Ther.~~

impression was they would
all stand by Mayor Austin because he
wanted to do - but the public is well
informed now & he is in a quandary.
They will give their decision next Mon.
Many of my friends will be there. Gen.
Beach took us all to lunch & we discussed
the next step. Mr. Telford went to Mayor's
office at 1 & he took him to the train.
Mrs. Dunham & Mrs. Huff to try & do some
work to morrow with Council. Fine letter
in Sun to me. Rob. was met to hospital. McKarns
there he stayed a little while. Dr. Potter in a
minute. I went right to bed very tired. Dun

Riach in about 9½ found eye in fine
shape. He can Wea. ~~Tues. May 19.~~ 1931 Ther
read time on her small watch. Opened
mask so he can see R.E. Mrs. Dunham
& will go & see Lorgetiner.

Sat. May 9.

A fine night. After his bath he had
on wrapper & sat up a little while
& then lay down on outside of bed. at
about 11. I read the paper & wrote in
diary. Dr. Molitor in for a short call.
I was very tired & felt irrig. Had hard
headache at night but all fine this
morning. Mrs. Dunham phoned, she
& Mrs. Lewis & H.N. Croft went to see Rosie
& Trey & phoned Stahel. Mrs Moran
in in evening. Wea. ~~Wednesday 20~~ Ther.
just as pessimistic
as ever. Headache & went to bed.

Sun. 10.

Fred had fine night. I had
some headache. Dr. Riach in
about 9³⁰ & Dr. Molitor & eye
in fine shape but she wants
me to stay until tomorrow.
Had bath & dressed. Read to Fred.
Anne, Rob. Byrd & Mrs. Ellis in & just
as they left Carrie Bates came
Miss Chipla was in yesterday
with flowers. Letter from Molly.
Wrote a little. Went to bed at
Anne & Carrie left.

Mon. 11.

Wea ~~THUR. MAY 21, 1931~~ Ther.

Waked early. & was up & ready for Robert at 8 15. Dr. Riach in just before we left. City Hall. at 9 30. Sent there & a crowd of friends. Went on to Council room. Water question & street work took all the morning. Rob. & I went to lunch & drove up to Park. Back at 2. Soon it was all over. Maine with head down made the motion & Russ seconded. No one looked at me. I said as we left "I am greatly grieved at the method employed but I thank you for relieving me

Wea. ~~FRIDAY 22~~ Ther.

from a burdensome & thankless task". Every one about quite disgusted. Went to hospital & Rob. had Father ready & we came home. & went right to bed. Father very shaky but all O.K.

Tues. 12.

Fed had fine night. I was restless & woke very early. Rob. up to see the doctor about noon. He fixed cord on radio & light so I can turn on & off from my bed. Dr. Nurse in to see us. Father blue & cranky. Read to him much of day. Found Mrs. Moran

& she says Byers tells her that Austin will name Wea. ~~Sat. May 23, 1931~~ Ther.

Wed. 13.

Rob. & Fred off at 8 for the doctors & he came home at about 11. with R.E. recovered & seems quite like his old self. Wt 172½-176 when he went to hospital. I weighed 151 & lost about 3 lbs. Do not know where I will weigh now. Wrote a little & read to Fred. Feel pretty mean & tired but will be O.K. soon. Saw in paper. Austin had appointed Col. Hoey & Vague Hood (of P.M. Dept) as Commissioners Civil Service. Met with Bennett last Mrs. Moran so far.

Wea. ~~SUNDAY 24~~ Thurs. 14. Ther.

Had hard headache when I awoke & felt sick all over. Gattie up & helped get his own breakfast. Read to him most of morning. Bill from hospital 142.50 - 45 = 97.50 Finished letter to Annie Brooks. Phoned Mrs. Dunham & she agrees I scared them into nominating good men. Miss O'Connell phoned about Annual Meeting on 20-night but I cannot go. Mary Shropshire phoned about Civics for Bill Co. Mrs. Turner phoned me of a number of others All praise me for my stand. Radio fine

Fri. May. 15

Wea. ~~Mon. May 25,~~ 1931 Ther.

Fred & Robert went up-town. Fred to see Dr. Riach & Rob. to Dr. Wescoe. I got up & was ready for lunch with family. Anne not in very good spirits. I stay up & read to Fred all afternoon. Played a little Solitaire after supper. Robert rather worried. Wrote one or two letters.

Sat. May 16.

Robert Anne went to town in the morning. Byrd & Mrs. Connor with them. I felt sick all over but a little better as day wore on. Went to Wea. Cal. ~~Tuesday 26~~ Ther. Rose here Anne & Rob. came for Fred at 1. Afternoon the doctor they met Tommy Falconer & drove to Morena. Council had Star Chamber meeting & everyone laughing at them. Looks as if they would appoint Gregory as Manager. Had three letters of congratulations & sympathy. Mr. Marston, Civic Center & Mrs. Stoddard.

Sun. 17

Felt much better and went into Rob & Fred to see Dr. Riach. Lay in

big chair & read to Fred. until he went to Wed. ~~Wed. May 27,~~ 1931 Ther.
Carrie Bates called - Fred most independent & wanted to test his eye a little but after much urging desisted. Anne & Rob. went to drive in afternoon & took Mrs. & Miss Bristoe. Went to La Jolla & saw Grace & Ruth - Grace foot blistered with adhesive straps - Head began to ache so to bed for one Radio. Dr. & Mrs. Worthington called & stayed till 9.30.

Nov. 18.

Had fair night Rob. had some asthma & felt pretty mean in morning. He went up to see Dr. Neals at 10. Fred started on his usual work in kitchen but got pretty tired. Phoned Mrs. ~~Wed.~~ Batchelder - ~~Thursday, 28~~ & Margaret Shea. Anne showed $48.00 to a Mrs. McWiff. She & her daughter may take it!?) Robert had the tests for Allergy made by Mrs. Sommerville with no reaction - will have more tomorrow.

Nov. 19

All went up town at 8.30. Anne for some shopping. Fred & Rob. to the doctors - I went to barbers. Mrs. Crane had much to say about Austin & his cohorts - Waited at Hotel. Fred came for me about 11. & Rob & Anne at 11.30 & we came home. Dionne 2 1/2 lb for a week -

Wed. May 20 -

Wea. ~~Fri. May 29,~~ 1931 Ther.

Phoned Mrs. Marston but she is at Beths. Annie's stomach went back on her & she went to bed just as she was getting lunch. Fred stay'd at home with her. Rob. took me to town & left me at Y.W.C.A. Election of Officers & I presided during election. 9 new members on board, all fine. Tea in Club room. Miss Seaman going to Europe on Friday. Rob. came for me at 5. and I went right to bed. Heart pain & took 10 gr. Phenacetin & had fine night. Robert pretty blue but Anne better towards night.

Wea. ~~Saturday 30,~~ Thurs. Ther. 21.

Anne still in bed. Fred moving about & tried his new glass a few minutes & read a little in newspaper. I read to him & wrote a little. Mr. Anthony over to see Fred. in the afternoon. Notice in Sun. about Police Court & fines &c. Mrs. Drummond in &c. various things. Robert seemed much better.

Fine Fri. 22 Warm.

Fred went up with Nevals. Robert up to meet Donovan but he was

with them - so think nothing
doing there. Wea. ~~Sun. May 31, 1931~~ Ther.
Fred went to Dr. Riach - Everything fine
Rob. met him & brought him home -
Anne better but staying in bed -
Robert got lunch. He is having quite
a little asthma & is quite discouraged.
I got up & slipped on wrapper & finished
clearing up instrument drawer. Was
all in & splitting headache after it.
Rested the rest of day, Phoned Grace
Jew her Mother's birthday - She is ill
with Angina so Lina Stone tells me.

Sat. May 23

Robert had fine night after Hypo 1/3.
he is improved. If cool Wea. Mon. June 1 He ~~is~~ Ther.
one to lunch with M. Dis. & her Father
went to see Miss Woodcock at Museum
to study seeds - Eight of us at lunch. Dr.
Le Baume only one interested in my
affairs at City Hall. Visited with her until
Robert came for me. Rob. found letter from
John Diggs when he got home about his
chance with Donovin - Send wire &
wrote letter to Donovin - Grace & Ruth
in for call. Grace had bumped her
head when Ruth stopped short. Ruth
much upset. They stayed to supper &
watched celebration of Portuguese Fred

gave Rob. Hypo. & all in bed by 10. Great

Wea. ~~TUES. JUNE 2, 1931~~ Ther.

noise ab celebration & fireworks but Anne only one who saw them.

Tue. May 24

Anne down first & brought in our orange juice. Soon after breakfast I had pain chest & arm. Took Nitro & Phenac. & slept off & on during day. Read some to Fred. He was quite hilarious as he tested eye & fitted cylinder. Almost $\frac{20}{20}$. Mrs. Delano phoned one about Dr. Riach, she has cataract but is doing patient. Mrs. Moran phoned. about budget &c. Rob. had hypo. at night. All on bed early. Fred W. 179. G.J.B. 152½ Rob=179

Wea. ~~WEDNESDAY 3~~ Monday 25 Ther Rain

Robert seemed better W-day but anxious for reply to Lis letter, kept busy with dressing & went up town & visited with Tommy Jamieson. I read to Fred & worked a little on accounts in the morning. Byed down to dinner & served with Anne in afternoon. Letter from Carrie Wells. Call from Mary McKie & Ruth Cassidy. Schartzauer girls, Georgina Edwards phoned for Anne. I go to Theta meeting. Dr. Read phoned & some others about Fred. Rob. took

Anne & me up town at 6. Anne met
Georgina & ~~Wea.~~ ~~Frank to~~ ~~THUR. JUNE 4.~~ 1931 ~~Mel~~ Ther. ~~meeting~~ I
went to meeting at Ground about Home
for old folks - Sat with Mayhale & two
Civic Center people - Representative crowd there
& good speeches - Dr. Wollner from U of C. South
& Miss G. Henderson from Sacramento came
down on purpose. Rob. met me at 9 30
or earlier & we went for Nan & mine
home & all in bed at 10.

Thur. 26 Rained in night

Rob. had good night - Looking for letter
but none came. He spent most of day
with Miss Sommerauer but no ~~tears~~
showed re-action - ~~He~~ went to Naval
reserve ~~in~~ eve. ~~FRIDAY 5~~ Wea. Ther.
Fred had a mean day like his old
sick headaches. He slept most of day.
I read to him - Anne a little tired
from last night's eating at Mela's meeting but otherwise pretty good. She worked out
in Kitchen & was pretty tired at
bed time - Letter from Annie Brooks.
Wrote to Carrie Mills - I was very tired &
had headache after my bath & did not get
up as I had intended doing - Rose here
& worked.

Wed. 27

Had good night all around. Robert
wrote to Dorrwin again but no

letter got. Fred felt quite fine &
Wea. ~~Sat. June 6, 1931~~ Ther.
stayed very quiet as head began
to ache when I moved. Anne
down in kitchen. Had card
from George Hodge very cheerful &
homey. Did a little work on old
letters. Rob took Fred up town to see Dr.
Riach. She was delighted with condition.
Phoned Mrs. Palmer birthday greetings &
Roberts had asthma in afternoon &
he had hypo. at bedtime.

Thur. 28

Robert down at 3 A.M. for another
hypo. but had had good night the
early part of night. Fred up at 8
Wea. ~~Sunday 7~~ Ther.
& well quiet & up late. Anne got
the mail letter from Donovin and
he has only one man & has already
appointed him. They plan to go to
San Pedro Sunday. Rob. will take
Anne to Frano & go to San Francisco
for few days. Frano for Kings graduation.
Crandall called about 4 30. Rose
here. Rob. & Anne went to town
in morning. Took me to W.C.T.U.
at 1 30. Lovely meeting. Left very hot
& tired. Felt sick on way home
& right to bed. Took Peppermint &

Jesus wept. 181.

Nitro-Glyc. About 8 took Cannabis 1/4.

Radio fine Wea. ~~Mon. June 8~~, 1931 Ther.

went to sleep with it. Felt feeling much better.

Fri-May 29

Rob. & all Fri. had good night. We wonder if Orange is the criminal as re-action on test very strong. He went to town to see Oakley Hall. I felt sick all over & lay very quiet. Sharp pain in right ankle two or three times. Took Cannabis 1/4 at 12 and again at 4. Rob & Fred went up in afternoon. Fred to see Dr. Riach. All home to supper. I had an hours sleep in the afternoon. Some pain about 7 o'clock.

Memorial Day - Sat. May 30. ~~Wea.~~ TUESDAY 9 Ther.

All had good night. Head began to ache soon after breakfast. Very hard after moving about. Took Aspirin & at 12. Cannabis. Rob. went to town in ~~afternoon~~ a.m. to see Jonny & had lunch with him. Rose here. Read to Fred quite a little. He tested my eyes but found very little the trouble. I felt pretty bad about 4. Put red lights early. Fred played cards with children

Sun. May 31

Anne had Special Delivery from Molly

I had a short letter - Head ached

Wea. ~~Wed. June 10, 1931~~ Ther.

pretty bad in morning. Better in afternoon but heavy. Read some to Fred - Church at 11 - St Luke. Rob. in with me part of time - Radio after lunch & Rummy with Anne - Judge Barnard called about 4. Anne & Rob. went up to Byrds for supper.

Mon. June 1.

News of wreck of Harvard Sat. show much drinking on board & Capt. not on bridge although it was foggy. No lives lost nor baggage. Freight was damaged. Nay can be had of good weather continues. Anne blown by I & they left for San Pedro about 8. We

Wea. ~~THURSDAY 11~~ Ther.

shall miss them fearfully. They may be home in a couple of weeks. Betty Potter came home yesterday. Read to Fred most of day & wrote some. Letter from Lizzie.

— Tues. June 2 —

X

Fred went to see Dr. Risch at 11 3/4. he was delayed & did not get home until 3. Rose here & waited until he got home - Worked on letters until tired. Headache & some pain - off & on - Fred went to Tuesday Club at Dr. Kalmans. Home about 11. Took Phenac & had good night. Postals from children all O.K. Mrs. Moran phoned - No job yet.

Wed June 3

June Wea. ~~Fri. June 12~~, 1931 Ther.

Sent. Bank notice – Marston & Kris letter to Molly for Rob. Alice got our mail. Head aching a little after I moved around but after lying still & reading, it quieted. Began Cannabis again at 12 & 3. Head very comfortable. Read to Fred until 6. He went down to store. In bath room at 6. & head ached a little. Cannabis at 6.15 Looked up last years diary about Chambers Feb. 1930 & phoned Paul Edwards. Fred up to see Betty & Kittie. She is much better. Read to Fred. Cannabis at 9.15 Read until 10. Radio news & lights out.

Thur. June 4

Phoned Mrs. Bacon about Ann Winn & then phoned Anne. Lira answered Ann not up yet. It is her birthday. Had good night & only a little head ache but it grew worse later. Irene

Wea. ~~Saturday 13~~ Ther.

Cannabis – at 12-30 – 3.30 & 7. Started letter to Clover after a postal from May. telling of Annie Hagues death. Read to Fred but head ached too hard. Took Aspirin & a little easier. About 7 had a short nap. Rose here. Radio after supper. Letters from Anne & Rob.

Fri. June 5

Fred went up at 9.15 Wrote letter to children Phoned Paul more about Chambers "12-5-29 Union clipping" Mrs. Turner phoned. Late Betty over her new phone. Head started aching after I went to bathroom & moved about a little. Quieted after lying quiet a little while. Came on again after bath

took Aspirin & slept quite rest of

Wea. ~~Sun. June 14,~~ 1931 Ther.

day.

Sat. June 6.

Had good night. Headache started after moving about. Went off but on again after trip to bathroom. Dr. Potter over about 11. B.P. 150-100. & he agreed it was a toxic condition from worry. To take Carriol & Bile salts for 3 or 4 days & started with Cascarillit. Began at 12 to-day. After lunch sth. Rose cooked. Had business call from Lee Crandall. He staid a longtime. Then I dozed & went out on porch. Tried walk down to store. In "longue chair" Dr. Newell came in

Wea. ~~Monday 15~~ Ther.

Bed before Supper. Headached all night. Phenacetine at ~~June~~ 1 30. After call to toilet at 6. Slept a little. Phenacetine after breakfast at 10. & again at 12. Friendly hour over radio. Fine I liked Dr. Fred. Stamm especially his voice. Headache left about 3. Mrs. Ellis over at 5. Fred sprinkled lawn. Radio in eve.

Mon. June 8

No letter from children. Mrs. Miller phoned to take me to Grandma Bowman's funeral. But I couldn't go. Headache began again at 1 P.M. off & on all day but not hard.

worked on red letters until I was tired - then rested Wea. ~~Tues. June 16, 1931~~ Ther.
& read to Fred a little & played solitaire felt badly about 7. Took peppermint & stych. & felt better. Phoned Mrs. Adams & Mr. Bowman. Fred using his eye a little more each day.

Thurs. June 9.

Good night first part. Head began to ache about 1. Letter from Anne but not as full as I wished. I felt pretty mean all day. Wrote to Anne but read most of day. Rose here & worked. Mrs. Bacon & Mrs. Clark called about Helping Hand Home. Fred wrote a little - Wea. ~~Wednesday 17~~ I did anything. Ther.

Fine - Wed. June 10 Warm.

Had hard headache from 1 o'clock on took Phenacetine at 7. & felt better. Fred had sick headache yesterday but all right to-day only tired - I read & wrote a few notes - Phoned Betty she is doing very nicely but slow. Fred went to a Committee meeting at Dr. Worthington's office at 7½. Home at 10. I phoned Paul Edwards about various things.

Cloudy - Thur. June 11.

Waked feeling pretty good but head started to ache as soon as I moved. Phone good-morning to Betty. Rose

here. Her birthday & I had cake for her.

Wea. ~~THUR. JUNE 18, 1931~~ Ther.

After lunch I got up & started to read on red letters but soon headache bloomed. Took Phenacetine & lay down in big chair & read some letting. Fred called up to see Betty & he soon had her O.K. Came to bed at 8. Radio after supper. Fred tested eyes +4 & +5 afternoon. Some question between +3.50 & +4. Eyes about 20°. No letter from children. Peggy in A.M. - Fri 12

A regular May day. Had good night & thought of Police women in night. Called up Mrs. Porterfield to get Nellie Porter also tried for Mrs. Snook. Got Mrs. Stuckey & she will call Executive Comm. of Social Women's Club. Headache off & on all day. no medicine. Up after lunch. Fred tested eyes & sent for glasses. Dan to bring them home tomorrow.

Wea. ~~FRIDAY 19~~ Ther.

Grace & Mary Keating here and told of Bert's driving. Light blue car June 9. 1931 Cal 4370 or 347. Bed after they left. Betty had bad day with stomach. Sat. 13.

Thought this was flag day & had Fred put up flag. Rose here. Had letter from Anne yesterday & they go to Long Beach to-day. Ken to go to Cinnamon School there & Rob. to study for exam. Heard a little letter. Mr. & Mrs. Parker here in afternoon. Fred went to show. I got up but head booming. Phenacetine & bed. Wrote to Molly but no letters from the children.

Sun. June 14.

Fine Wea. ~~SAT. JUNE 20,~~ 1931 Ther.

Felt forlorn & headachey. Breakfast at 9.30. Read paper to Fed. Church over Radio. good & I helped Rob. & Ken. move there. Mrs. Ellis called about 12.30. Lunch at 2.30. Fed wrote on our Med. work here in S.D. & I helped. Tried & Solitaire about 9. Had Phenacetine once & didn't get up.

Mon. June 15.

Fine.

Fed went to town at 9 with Dr. Whitehouse who was up to see Betty. Letters from Anne & Molly & I wrote to them both. Head ached hard after moving about but quieted down. I was back in bed. Phoned Byrd & Betty. Slept for a ~~SUNDAY 21~~ Fed home about 2. Soon after lunch Heart pain & headache. Nitro-glyc. & Phenacetine. Some easier but head continued aching. May & Prim Malone over about May's glasses. Phoned Dr. Andrews & he said Heart. Heard Hoover's fine speech at Indianapolis.

Tues. 16

Tried to act in after yesterdays hard day. Kept very quiet & towards evening heart steadied & head a little easier. Rose here. Phoned Mrs. Moran in afternoon. Heard the exercises at Hardings Memorial. Hoover & Coolidge. Solitaire a little while. Fed reading quite a little

Bunker Hill day & meeting of S.A.R.

Wea. ~~Wed.~~ JUNE ~~22~~ 17 1931 Ther.

& D.A.R. but we could not go. Head ache all ch. Phenacetine early. Lincoln Memorial Service fine & the reception to Hoover very enthusiastic. Mr. Luce in to get refrigerator. Mr. & gone to bed. Fed, went to Congress Rehm. meeting in evening & had fine time. Listened to Radio & Solitaire until 9.30. Fed home at 10.30. Letter from Rob. Wrote feeding

Thurs. 18 Fresh rate but right trip to bathroom. Head keeper & ache & heart to cut up. Phenacetine & peppermint helped. Lunch felt pretty "dumpy" Phoned Mrs. Moman letter from Annie Brooks. Robert & Molly. Rose

Wea. ~~TUESDAY 23~~ Ther.

here & got everything ready for the children. Had a mean day. Light not early. Tried to report to Dr Andrews.

Fri. 19 Hard headache in night & it attacked in morning. Took Phenacetine & at 11.30 Luminal. Wrote a little.

Dr. Newell came in & took B.P. 182-90 lying down; 160-90 & 100. standing. Dr. Andrews advised using Luminal 3/4 gr. to die for two days - or take it again at bedtime & had good nights sleep. Children came about 6.30. All seemed well except Anne she was very pale & tired. Stayed until 10.30

Sat. 20

Had Anne Wea. Wed. JUNE ~~24~~ 1931 Ther.
have breakfast in bed. but she cleared up room & tumbled up things to take back with them & by night was played out & had diarrhoea during the day. Gave her Bismuth & she began her ~~[illegible]~~ iron. I was stifled & slept most of day. Ken. off on bay & making calls. Robert up when lunched with Tommy Jackney. Ken went to Junior & Scout last night so all were ready for bed early.

Annie's Stomach Sun. 21 - better but she was all in & did not come down until time for lunch. Beyd down for a good kip & Ken brought Florence in Edison ~~Wesley~~ a ~~[illegible]~~ THURSDAY 25 Ther.
11.30 call from the Seales who are all enjoyed except Annie. They got off about 2.30. Carrie Bates in pink as they left. Fred. went up to see Betty & I wrote on my diary although very sleepy. Latin Dr. Read called. Very thin Wt. 104 & liable to lose her office felt badly for her but could do nothing. Phoned Dr. Andrews & he advised only 2 doses of Luminal a day.

Were feeling pretty Mon. 22 good but after trip to toilet all in & nausea. No head ache. Tried up bits a little but not equal to writing. Fred busy at typer

mitr. Very hot. 80°. hottest June 22
Wea. ~~Fri. June 26, 1931~~ Ther.
on record. Mr. Cook here in evening
until aftr 10.

Tues. 23. 85°. Humid. 100°.

Record for June heat. Headached
a little but had a long nap after
lunch. Rose here. Fed wrote letter
to Broom for me. Rested & sweat
all day. Letter from Anne and D.K.
no word from Molly.

Still hot. Wed. 24. 95½. hottest June.
Postal from Molly. She was driving
down from Berkeley. Expect her
to-day. Waited & waited, but no
Molly & no mail. "Great jest awful".
Card from Ruth Ragan & later
Wed. ~~Saturday 27~~ Ther.
from Archie. Mrs. Frazer has left Lima
& the children are with Grandma
Richards for a time. Bed 9½.

Thurs. 25. Cooler. 84
Note from Molly at 7.30. To be here
this afternoon. Rose here & fixed me
up for Molly & Mary Page. Ice tea &c.
Sat up in chair while Rose made bed
but glad to get back to bed. Only little
headache. No medicine. Decidedly cooler
about 3 P.M. Molly came at 4.30. Mrs. Vacher
phoned. I phoned Mrs. Moran. Molly & father
went to Fine at La Reyna. Chicken-corp. Visitors
Bed at 10.

Fri. June 26 Cooler

Fine Wea. ~~SUN. JUNE 28,~~ 1931 Ther.

Fred & Molly went up town about 10. Fred forgot the paper he was to take up. Dr. Nevell came & took B.P. 168-88 reclining - 166-80 standing. Wrote to Anne. Moved about a little & was nauseated & headache so hurried back to bed. Fred & Molly went to La Jolla in afternoon to see Mary Page & Ruth. Sat on porch a little while but mosquitos drove us in. Headached aftr dressing but better soon aftr lying down. Took Luminal at night. Letters from Anne & Rob. Wrote to children. - Found later Fred took paper - Wea. ok

Fine Wea. ~~MONDAY,~~ Sat. 27 Ther.

Roac. here & rinsed & fixed us up for Sunday. Molly down late with a headache but better by noon. Mr. & Mrs. Vachor here ab 1. Took Molly to market. & later Fred went with them to Museum. Molly, Rudi, Mary Page & Mary went with Lillis friends to North Island for beach supper. I got up about 6 & lay in chair. Head ache more P. Phenacetine & almost gone. Sat up to supper with Fred. Bed feeling fine. Molly home about 11.

Sun. 28

Fine.

Aftr bolstering up head started to ache but soon quieted. Had a fine night.

Molly. Ruth Mary Page & niece left at one.

Wea. ~~Tues. June 30,~~ 1931 Ther.

10 for a trip to Virginia. ~~Had~~ a call from Mrs. Ellis just as radio was giving fine music. Had bath before lunch & felt quite fine only a little headach. Mary Chopla came just aftr lunch & brought ice cream Mrs. Brown in while she was here. She left at 5 ½. Radio & rested. Molly home early had fine time but tired all in bed early.

Mon. 29

Woke tired & with headache. Went to sleep soon aftr breakfast. Molly went to town eight aftr lunch. Went to Post-office Phoned Miss Judy about Home Affidavits. Molly stayed to dinner with Mrs. Ellis felt better towards night.

Wea. Fine ~~Wed. JULY 1~~ Tues. June 30. Ther.

Woke feeling badly in head & stomach Peppermint & Strychnia & finally took Strych. Shall take that first next time Rose here. Molly worked out in yard. Aftr lunch I decided to make a break Molly helped me dress & we all went for a short drive & stopped for soda & then home. No harm done. Phoned Mrs. Morant & Betty & later Mrs. Middlebrook about W.C.T.U. Molly called on Mrs. Bage about Mrs. Bagake.

Had rather a miserable day with headache. Wea. ~~THUR.~~ July 2, 1931 Ther. Took Luminal in morning. & wrote a long letter to Annie Brown. Fred had bowel disturbance & lay down all the morning. Molly went for Mary Page & niece & they had lunch in town & then went to Agua Caliente. Home about 3 & then she took Father up town for some errands. She took charge of afternoon & evening & relieved me very much. All in bed early took Luminal. Heard the great excitement over the round the world fliers landing in N.J. 8 days + - Post + Patty -

June. Wea. ~~THURSDAY 2~~ Friday 3. Ther.

Good night but woke tired & headachey. Better after breakfast - but still not good all day. After lunch Molly drove us up town. Left me at Miss Richards & Fred went down town for some errands - Molly & I met him at Theatre - Drove home by La Fiesta de San Diego. Children came about 5. Had supper while listening to big fight Smelling & Stribling. Molly & Rex staid here Anne & Rob up at Byrds - Rex out with Florence Elliot in evening. We did not hear him come in - I was very tired but slept well -

Thurs July 2.

Wea. ~~SAT.~~ ~~JULY~~ 4, 1931 Ther. 85 +

Molly went over to La Jolla to see Mrs. Clark at hospital & called on Miss Scripps in the afternoon. I got up about 3 & lay out in big chair - Rose here. Came to bed before supper

Fine Sat. July 4. warm

Knew & out early & soon Bob Bernard & Florence came & they were out on bay. All home to lunch & Ruth. Mary Page & Mary Ellen came & later Byrd. Children ate out on side porch. & soon after went for a sail. After lunch all took nap Rob. & Anne & Peggy Drew from Honolulu at Bay Wea. All ~~SUNDAY 5~~ back. Ther. for supper & Ken & Mary Ellen went to dance with neighborhood boys & girls. Rob all back Fred & me went to the Fiesta - I went to bed & read All home & quiet about 12.

Sunday 5

Woke tired & some headache & it was 9 a.m. Rob. Anne & Peggy Drew drove about 11. Mr. & Mrs. Spicer in about noon. He is ordered to Destroyer Base so will live out that way. Rose & Ken. off about 2 for Long Beach. Rob. Molly & Peggy up on hill to see gliders. Call from Miss Jacky. Mrs Patton. Mary Sherman & Jack. They were

very non-committal about condition now & no wrist. I thanks or sympathy for me & no mention of Mrs. Morrow. Brought me the clippings in scrap books wh. we found valuable & are not going to continue them. I will keep them safe & add to them so they will be available if needed. Ruth over & Molly & Father went with her to call on Sydney Phelps of Japan. Robert went to Jennie's for lunch supper. Had trouble with bowels all night.

Fine. Mon July 6

Bowels bothering. Took Cl Ricinii at 9½. Stand quite & read papers. Union of yesterday had Fred's article & Brown had Anne I phoned Mrs. Dunham, Mrs Morrow & Mrs. Middlebrooks & Mrs. Johnson phoned me about Carl Maxwell - he has been appointed Arch. to Hawaii & glad his Kapt. name on list wh. I urged him to do. Also called Clerk Beach. Molly at work in garden in morning & had a fine time. Rob. up to see Dr. Morris & Dr. Potter.

Fine Wea. TUESDAY 7 Ther.

Rose here to-day & washed Molly busy about garden & directed Ray. Robert up to Dr. Morris in the morning. Mrs. Burns-Nash in to see me. She was nursing lady in Doris' house - After she left I had good bath & got dressed & went out in dining room. Headached a little but bath after a while and eat up to supper. Fred read aloud to me all quite a little. Started collapse but head ached so went to bed. Molly tired. She is going with Rob. tomorrow.

Wea. WED. JULY 8, 1931 Ther

felt fine before I got up in bed. Then head began to ache & ached off & on all day pretty hard at times took phenacetine & felt better but lay pretty quiet all day. Ethel Blair had Auto collision & killed a woman & was arrested for manslaughter. Phoned & found her gone to bed. Bail $2000. Molly & Rob. got off at about 2. in fine spirits. After supper played a little solitaire Sent note to DeAryan & Lend Broom to Gulf-Beach. Fred has his new fronts & they are fine.

Wea. Fine THURSDAY 9 Ther.

Had restless night. Head began to ache early & ached some most of day. Rose here. Fred went up town in afternoon & saw Kelsey. Betty called me early having great trouble with gas in bowels. Fred went up to see her. Don called in afternoon & wanted a new doctor as they could not get Whitelock. We recommended Will Potter. Got heard writing more Mote to Anne & had letter from Molly Radio & solitaire in evening

Fine Wea. FRI. JULY 10, 1931 Hot Ther.

Head still bothering & slept quite all day - Fred & I finished medical Cross work - Mrs. Davidson in for a few moments about something she is writing. had a nice visit. Betty feeling badly & Fred went up & Dr. Whitelock came & came in to see us later - he thinks with Fred it is largely nerves at any rate he tells us that - he made quite a long call. A little solitaire - radio news & bed Set radio for London (KGB) at 6.30

Fine Wea. SATURDAY 11 Warm Ther.

Woke at 6.20 & turned on radio for London & Disarmament McDonald, Baldwin & Lloyd George all fine. I went to sleep again - Awoke for breakfast at 9 - Letter from Nancy Bowen on her vacation. Rose here & soon had lunch Georgina Edwards over about 3 & a little later Mrs. Munroe about her husband getting back on Police force. Mr. Brummett sends her 5 line about a little they wrote in 1928 - Got up after she left & put on pyjamas.

Fine

Wea. SUN. JULY 12, 1931 Ther.

Slept like a log all night and was still sleepy when I awoke but chilled a little & had pain in heart. Intro relieved it. Church at 11 Bishop Worden? took service for Perry Austin & I enjoyed him very much. Got up after lunch & was out on porch with Fred & watched the boats many of them. Came in about 4. Mrs Burtoe in for moment. Fred went up to see Betty & cheered her up. Radio about 5^{30} until after Seth Parker. Then read to bed & after supper more radio

Wea. MONDAY 13 Ther.

Health out up again. Intro & took Immiral about 8^{00} Seagrave spent Phoned hospital headache all day. about Stanley - he is seriously ill. Ben phoned one late - she has written his Mother. Fred phoned Sen. Harper but no word from Sacramento.

Fine - ~~Tues. 14~~ - Monday

Woke tired. Mrs. Monroe phoned. & I wrote note to Mr. Brunnemeth about Mr. Monroe & his letter of 1928. Read most of day & felt fine until after I got up. Phoned Betty for quite a talk & think it helped. Dr. Norell over at 4 & took B.P. 168-82 lying down. I got up & dressed & 146-80 in 20 mins. Dr.

La Banne came before Dr. Newell left & stayed until after 6. Went in to hear Amos & Andy & Molly came looking fine - Sat up to supper & then bed pretty tired - Tues. 14

Woke very tired & did not move around much. Dr. Andrews called for report & said "it was most interesting" & that heart muscle was weak - but pulling fine good. Molly out in garden & things have responded to her care - Phoned Mrs. Dorrell about police article in paper - Rose here. Felt a little better towards night. Molly & Fred went to Symphony Concert. Home at 10 30

Wea. ~~Tues. July 14,~~ 1931 Ther.

Fine - Wea. WEDNESDAY 15 Hot. Ther.

Heard from Mrs. Moran & she is going on picnic to-day. Rep. Wom. Club. Molly had letter from Mary Page - Caroline Macrae failing fast wh. is really a blessing. I had letter from Isabel & Annie has had another attack of erysipelas was better but not all over it - Isabel enclosed letter from Ann Pearsall telling of the death of Francis fiance. I wrote to Annie Brooks at once - Molly & Fred went to town night after lunch. Phoned Chamber of Commerce to find out date of Cabrillo celebration 1892? I urged Fred to plan

to go & see Annie - & he wrote to
Wea. Thur. ~~July 16, 1931~~ Ther.
spoke & to Rob. and Mary go up
with Rob. Sun. or Mon. Molly & he went
up town after supper & mailed letters
I was up a little while but head-
ached so took Luminal & went to bed
& had my supper in bed.

Thur. 16. Hot —

Felt "all in" when I awoke but better
after breakfast. Molly had letter from
home. they will be down tomorrow.
Clyde Brookins married last week at
Mr. Linder's home. none of either family
present. Alice & "Buddy" in late but
looked in window. Rose here. Fred &
Wea. Ther.
~~FRIDAY 17~~
& Molly went to B. 162. birthday at
S.D. Historical Museum. Met many
friends & had a fine time. Mr. Martin
& Myla Horn-Barnes sang duets, lots
of fun. Home after six had supper
in my room. Molly quite upset
over Caroline Macdonald's condition

Fri - 17

Had heart attack about 6 A.M. & was
very tired after it. Molly out in the
garden early. Funny picture of the cele-
bration yesterday, cutting the cake in the
Union - Betty & Don down on way to
the doctors. She looks much better

weight 102 lbs. from 84. Margaret

Wea. ~~Sat. July~~ 18, 1931 Ther.

Shay in for a time just before lunch Stewart Bingers & family called. Mrs. Vinice with Stella & Fred brought me in my lunch. They are at La Jolla for David's health. Mr. Telford at lunch at Mrs. Williams & phoned me & we had a good visit. Molly took Fred up to see Kelsey but were late on starting home. Rob & Ken arrived about 6 & Molly soon after. Anne & Rob went up to Beach. Ken out with the boys. Tried to hear the radio from Hawaii but not very clear.

Wea. ~~SUNDAY~~ Sat. 19 Ther.

Ken up & off early. Rob. Barnard down & others joined them & they were off on the bay, or somewhere. Anne & Molly went up to party at Byrds. Rose here & got our lunch. I got up about 4 & sat on porch a little while. Children all here to supper but I had to go to bed before as my head booming. Ken off with boys in evening. Fred & Rob went to Sun Anniversary. sat on platform. Ken & friends said it all & said it was fine. Paul Edwards rode with Carl Hilliard. Fred introduced.

Wea. MON. JULY 20, 1931 Ther.

Ann & everyone slept late. Had letter from Isabel yesterday & delighted that Fred is coming. He was quite excited about going & very nervous. Finally they got off soon after 10 P.M. I was quite tired and kept very quiet rest of day. Molly got ice-cream for our supper & she went to bed early. Miss Judy called & offered to send me the Sun - Mrs. Morrow's Decease.

Mon. 20.

Restless night & felt pretty mean in morning. Better after breakfast & a little [illegible] & Strychn. Postal from Fred. All screene back Anne tired. Phone from Kate Abbott. Molly gave me a quick bath before lunch & later had me up as we expected Howell & Maude. Mrs. Mackie. Mr. Leonard since called & stayed quite a time. Molly busy in garden off & on. It is looking fine. Wrote to Fred & sent it by air-mail. Went to bed before supper.

Wea. TUESDAY 21 Ther.

Tues. July 21

Wea. ~~Wed. July 22,~~ 1931 Ther.

Had sharp indigestion about 12 & Molly got me some peppermint. Naked fly flies about 6 - Molly used swatter effectively & I slept quite after 8. Took Lib. of Mag. with great effort & was pretty tired by night & Molly did not go to Concert. Dr. Newell & Georgie in for a few moments. Card from Concentrate Grape Juice agent, some one gave him my name. Wrote to Anne in morning & had note from her - Everything O.K. Played Solitaire in bed. Took Luminal at night & slept well quite 6.30 A.M.

Wea. THURSDAY ~~23~~ Wed. 22 - Ther.

Phone at 8. Telegram from Mary Page. Caroline Macdonald died last Friday - Emma with her. Services Monday. Molly sat on my bed & we talked & talked about Caroline & finally got on to accounts - Mrs. Richards called one up & thanked one for cake. Archie out of work & had not been to see children for two weeks. Isla came. She is to be married soon to a service man. I phoned Golf Club & found Archie left July 11. Nothing doing

but they took force - will have fed

Wea. ~~FRI. JULY 24~~ 1931 Ther.

quite Archie & blood him up for not letting us know. Maude & Howard came about 3. Left cello at Theo's to be put in order. Phoned Dr. Sisson about Stanley & also to Fitzpatrick he said he would go see him. Molly got my supper early & went to dinner party at Mrs. Ellis S.D. Hotel. Ruth came & was more forlorn than ever. I tried to comfort her. Played Solitaire after she left until 10^30. Expected Molly early & began to worry & couldn't sleep. put on lights & played solitaire. Phoned hotel at 11^20 they couldn't find Mrs. Ellis. Phoned again at 11^45 & Molly on way home. Both of us

Wea. Fine ~~SATURDAY 25~~ Thurs. 2-3 Ther. 78°

slept hard & woke very tired & headache but quieted & all O.K. by 10. Postal from Fred will be home to-day. Mrs. Middlebrook phoned about Comical &c. Dr. Sisson & Dr. Paul phoned about Stanley. he may go at any time. Mrs. Moran phoned. Wrote some cards. Phoned Mr. Bellen about Stanley. Dr. Sisson phoned Stanley had died about 1^30. Called Bess later but she wouldn't talk to me. She objected to Autopsy & I told Dr. Sisson to force his mother. I tried to get Mrs. Batchelder. Called Mrs. Boom & Clark.

Molly phoned Alva Haines & she has just had operation. I talked with the Dr. Ralph at Elmyra Sanitarium. She went up to meet Fred at 12.15 but I was up & had dinner with them. Molly in garden off & on. Up town in afternoon to library. Bed early.

Wea. ~~SUN. JULY 26~~ 1931 Ther.

Fri. 24.

Had letter from Anne they will be home Sat. but to stay at Byrds. Heard from Mrs. Batchelder. Bess Hale acting like a fool & talked to Cora Lewis in such a way they will not come down to funeral. I phoned a number of people. Molly went to La Jolla on afternoon. I got up about 2 & watched airplanes & lay in chair until just before supper.

Wea. ~~MONDAY 27~~ Sat. 28 80 Ther.

Stella Burgess called.

Molly & Father went up to see Kelsey Rose here & began lunch but they were soon home. I got up after lunch & lay in chair. Spica & his family over Mrs Spicer & children on the beach. Kate Abbott down & stayed until about 5. Molly drove her home a long drive for me but Fred & I went. & I enjoyed it. Went right to bed when I got home. ~~Wea.~~ Pannier in in evening he is going to L.A. Mrs.P. in hospital had hysterectomy doing well. Mr. Abbott drove a few moments in afternoon.

Sun. July 26 Very warm

Wea. ~~Tues.~~ JULY 28, 1931 Ther.

Felt tired & head lunch. Think heat had much to do with it. Mrs Bakhelder phoned Ben changed her plans again & funeral public. Kenneth in for few minutes he & Florence Elliott & Walter Morton. Fred received very tired & sat in dining room & went to sleep. Rob. down for his car but Ken. had key. Was up after a while to get cool. Judge Mrs. Barrand down. & Ruth & Stella Bongers here, they took Molly with them. Rob in to say good night.

Wea. ~~Wednesday 29~~ Mon. 27 Ther. Nice warm

Woke with headache took Phenacetine & slept. Letter last mail & Stephen & by 9 felt some better. Archie phoned he went to L.A. & has prospects of a job there. Children down, Rob & Ken. going to town. Molly phoned from La Jolla. She & Ruth went to Gracie's, at Mary Keating for supper. Went to get for Molly in morning. Went out in the chair early & had lunch there. Ken down & Rob & Anne after supper. I went to bed before supper. Started Cannabis. Fred went to bank & all O.K.

Had restless Tues. July 28 85°
Wea. ~~THUR. JULY 30~~, 1931 Ther.
night & pain in head. Woke with
heart attack and was in distress
for sometime. After breakfast felt
some better & Fred went to town
with Rob. & saw Kelsey. Robert went
to Dr. Wessels & had treatment burned.
Molly home about 11. Purple van
full went to picnic at Mission Beach.
Anne down for umbrella &c. Molly
had me more on porch in afternoon
& opened curtains. Had hard heart
attack about 5. Nitro Glyc. & Peppermint
helped after a time. Molly went to
Concert but Fred home with me
Wed. July 29
Wea. ~~FRIDAY 31~~ Ther.
Cooler but a nice Morn.
Had fine night. Letter to Cora
Lewis returned Anne gave me
Aring address & I sent it to her.
Children all down for a time
but went home to lunch. Molly
up to lunch with Stella & Stewart
Rangers & Dr. Pannier. She went to
Safe Deposit & got Archie's papers
to show Mrs. Ellis & she wrote to the
head man. Fred wrote Archie about
it all. Bess Hale phoned me Cora & Nancy
Lewis were down at funeral. I had heard
not. Saw death of Basil Woods jr. in the

paper & tried to get Susie or her
Wea. ~~Sat. Aug. 1, 1931~~ Ther.
mother in law - but no answer. Mabel
Medows in about her boy. he may have
to lose his leg. I felt only light early
quite tired by it all. Tried to read a
little - went out on porch for a short
time just before supper.

Thurs. 30 Cooler.

Nancy & Aitkens in morning. Felt
upset most of day & kept very still -
Children down a little while. Fred
went to doctors with Robert. Molly
went to hair dresser & stayed to lunch
at Hamiltons. She had headache &
lay down for a time. She went to
Wea. ~~Sunday~~ Ther.
Irvin's reception to Katharine
Murphy - Lowell's daughter. Rose here.
I felt better towards night - Mr. & Mrs.
Spicer over in the evening. Moon
very beautiful & night flyers out
in numbers. Fri. 31

Woke about 1. with headache & after
getting back to bed, about 2. had
sharp heart attack - Fred called
Molly & used Nitrite of Amyl. Went
to sleep & woke feeling better. Molly
left at 7.30 for La Jolla. Kin. drove her
over. She is going to Claremont with
Stella Burgess. Kin. got mail for

us. He is planning to go camping at Rio Rico with Bob. Bernard tonight & go fishing early in morning. Letter from Leggie all well.

Wea. ~~MON.~~ Aug. 3, 1931 Ther.

Sat. Aug 1.

Had better nights but was up a great many times. Came ~~[illegible]~~ fed got one peppermint & Rocky in a few moments on way to town - Rose here & reported that Chinny Mabel's boy had leg amputated above knee yesterday. Heart pain began about 10. & increased & kept it up until bed time - fed on Nitro-Glyc. & kept very still. Dr. Newell in for a few moments. Quieted down about 8½ & soon asleep - Ken. in after his trip - Bob Garpark seasick & Ken. went out alone but it was rough & he got no fish.

Wea. ~~THURSDAY~~ Aug. 4 Ther.

Had pretty good nights but very tired in morning. Did not come up until 9. Heart pain started & kept activating. Hypo morph. 1/8 - Dozed most of day - Children in for a little while. Ate light lunch. Ken. out sailing in morning. Went for Rocky in afternoon. Rob. tried to see Allan Hancock but missed him - Also the Dr., he was pretty blue at night - Tom Talkner's wife ill again. Quieted down early. Rocky had fine time with Stella & saw Helen Salisbury in L.A.

Tues Aug. 4

Wea. ~~Wed.~~ ~~Aug.~~ 5, 1931 Ther

Fair night but about 7 had distress over sternum & hard to breathe. Little relieved. Felt pretty limp but ate some breakfast. Ken. down & helped Molly in garden early. Molly went to Elac beach. Rob. work faintly to Minion Beach & then to see the doctor. Discouraged about his nose & everything. He came with Molly to Symphony in Evening. Pain on again pretty sharp. Had hyps. & was very quiet all day. Lights out early.

Bed. 8 . cooler.

Molly up early & out in garden.

Wea. ~~THURSDAY 6~~ Ther.

Good night with pain time for a short time. Fed very tired & not feeling well. His R.E. bothers him & I think worries him. Molly went up to see Dr. Woods about her ear. Improved greatly.

I took lit. of Mag. at dinner time wh. kept me stirred up all day. Children down. Anne very tired. Florence Elliot in with Ken. Had word from Hazel & Rob. Molly went out to see Archie. Ken walks with Leslie to dinner at College & fed in bed at 9. Molly frees me & my bed & I feel fine.

Thur. Aug. 6. Cooler.

Wea. ~~Fri. Aug. 7,~~ 1931 Ther.

Rather restless night but all O.K. in the morning. Molly down early & in garden. Anne down to go to town but Molly not ready - Mr. Mink in to see about renting room in 848. Molly went over with him - will pay 12.00 per. mo. & begin tomorrow. Phone from Mrs. McHolland left back at 10.45 they were off - Rob came down to stay with me. I phoned Mrs. Moran & K.F.S.D. Mr. Barnes & Chief Patrick then quiet & rested & read. Robert tried to be gay & happy but my heart aches for him. Fed home at lunch time. Saw Dr. Riach & all fine with his eye. Kenneth helping Mr. Hartaugh?? part of day. Molly & Anne went to see Alsa - Anne losing weight & looks

Wea. ~~Saturday 8~~ Friday 7. Ther.

Had restless nights. Head ache & dreamed of children & their worries. Woke very tired but better after breakfast. Molly & Rob. went to Dr. Newell's about 10. Letter from Swing. No. Swam. for several months. Rob. will probably go to San Francisco after the 12th, Anne's birthday. Mr Lane, a lover of Sheila, over to see Fred. I went into bathroom & after it had hard headache & took Phenacetine. Head continued to ache most of day. Molly got lunch & went over Sheila to. Dr. Newell over & took B.P. 170 over 86 - Fred 156 over 96

Anne & Rob. down in evening

Wea. ~~Sun. Aug. 9,~~ 1931 Ther.

Molly fixed me up after supper
Neuralgia gone—Sat. Aug. 8 — off to-day.
Fed got my foot warm early & I had
a morning nap. Head began to
ache hard when I was up for a
few minutes. Took picture out &
lay quietly & after a while was
better. Some pain in chest but
took Nitro & was able to visit with
Mrs. Mulholland when Molly
brought her over for dinner. Ate
a pretty good dinner & had
a sharp indigestion & hard
pain & distress. Nitrite twice

Wea. ~~Monday 10,~~ Ther.

& lay very still rest of the
day. Ken off on trip about 3.
Anne & Rob. up town in eve—
Had Vocaltine about 9 & settled
down for night. Fed tried to
get Dr. Churchill but he is on his
vacation Dr. Redding will be
over first of the week. Molly
a dinner at Barnegat Inn.
Hepner came for tea.

Sun. Aug. 9.

Some little trouble in night but
slept quite 9. Robert down for a little
time. Molly went to La Jolla at 1. to see
friend from Japan Claire McKinnon who is

visiting Ruth Ragan. She has just
had thyroid operation & is doing well. Wea. ~~Tues. Aug. 11,~~ 1931 Ther.
Read most of day & only looks Nitro once
or twice. Radio fine a great share of day
Isabel Ellis & Miss Jenny were but I did not see
them. Molly home about 6 & Robert in & we
all had Ice-Cream & listened to Beth Parker.
Molly & Fred fixed me up for the night & I
did not raise up at all. Fred came to bed
after 10 & we were soon asleep.
Had fine ~~night~~ ~~Mon. Aug. 10. 1931~~ only awoke
at 1 & 4. Molly down about 8 & gave me
a good sponge off. Read about a little but
it tired me so soon stopped. Rob & Molly
went to see Dr. Hesels. Ken. down & getting
ready to paint Wea. ~~WEDNESDAY 12~~ ~~Nitro~~ Ther.
notes. Fred feeling sick & came to bed early.
Anne & Rob. down & Anne did mending
for me while Rob. painted. Ken went on a
picnic with the boys. Robert quite like his
old self. Archie phoned had wire to meet
man at Grant bet. 7 & 8 P.M. tomorrow. Fred
wrote out directions for him.

~~Drizzling in morning.~~ ~~Tues. Aug. 11~~

Fred woke at 5 but felt too sick to go to
the polls. phoned Byrd to come for Key.
Molly down & she had headache. Lay
down for half hour & felt better. I had hard
headache but felt better towards night.
Rob. & Ken. down. Rob. has decided to

go to S.F. Sunday. Archie down & got
Wea. ~~THUR. AUG. 13,~~ 1931 Ther.
directions & went to see man at
Grant. Fred & I did not go down
to vote. Phoned at night & found
all three propositions lost. Too bad.
Dr. Redlinap came to see me Monday
about noon. Found heart sounds
weak but felt rest & digitalis would
bring me back again. Also to try
Cannabis Indica for head ache. so
today took Strophine 1/30 early. Nephrotine
before meals as usual. Can. Ind. after
meals. & Digitalis 9 gts at 4.
Slight rain. Wed. Aug 12. Annes birthday.
Had restless night with bad dreams
Wea. ~~FRIDAY 14~~ Ther.
& was tired when I woke. Really a
little late too in getting up. Archie
down but heal all off. home not
built well enough & Archie has
no job. Fred went with him to
get his loan certificate & they had
it fixed up & mailed at once.
I got up about 12. & lay in chair
until dinner time. Annie, Rob. & Ken.
down about 1. & Father home Annie
quite pleased with table, cake &
presents & we all had a good
time. Head ached & I took phenac-
etine & bed right after dinner

Molly went for Grace Mills at 6
& they went to La Jolla for the night
with Leda. Children back to Bryde
for another party.

Wea. ~~SAT.~~ Aug. 15, 1931 Ther.

Cloudy. Thurs. 13

Had fine night & felt fine. Rob. in
on way to town - He was initiated into
Fighting Bob Evans Navy Post of American
Legion last night. Rose here to wash &c.
Phoned Mrs Fisher of J.W. in reply to note. Also
Stella Ramoed Norton about Ray. Isabel Ellis
phoned me about loan Committee in
re Archie's place. Molly home in evening

Wea. ~~SUNDAY~~ Jul. 14 16 Ther.

Clearing.
Woke feeling "all in" & stomach upset.
Staid in bed very much all day.
Molly up town to see Dr. Measels - Annie
& Rob. down to overhaul things. Molly
home to lunch & working on her car.
Rob. up town to get few last things - Mr.
& Mrs. Willett in to see Fred. Dr. Worthington
phoned about History. Radio fine in
afternoon & evening. Read all day.

Sat. Aug. 16 15

Wea. ~~Mon. Aug. 17~~, 1931 Ther.

Rob + Ken down early & Anne soon followed & helped Rob. past. Ken painted side porch & then went sailing. Rose here. I got up about 3 & lay out in chair. Rob made coffee for the picnic & they are right. Rob. came in with Molly when they came home. Grace in about 4 & Ruth came for her later. Ruth says she is gaining a little & Grace losing. Molly took me out see yard. I had very little headache all day. Letter from Lizzie.

Wea. ~~Tuesday 18~~ Sun. 17.16 Ther.

Rob, Anne & Ken down early. Rob left on the Iroquois at 9. Ken & Anne went up with him. I went out in chair & had my breakfast out there. Molly wanted to wrong steamer & then discovered the right one. Jake Moon & Mary came for Molly & they went to La Jolla for a cruise. Spices & Mr & Mrs. Harris here. Mr. Norman in for a few moments. Mary Jenny also. & then Carrie Bates.

Molly sailing to La Jolla

Fine Mon. Aug. 17 Hot.

Wea. ~~Wed. Aug. 19,~~ 1931 Ther.

Anne down early & she & Molly went up town at 10. Anne very brave but anxious & worn. Ken down & washed & fixed up car. & went after lunch & drove Molly & Anne to make calls. They were home about 6. I read & fixed up statement for Archie for Molly to enclose in her letter to him. Miss Simpson of High School called to get some pamphlets about Civic work for teachers. She is Chairman of Civics for the P.T.A. She stud over an hour. Stopped Carr. Ind. for a few days but began Digitalis 15 gtts. after two days rest. Felt fine in the evening. Molly ~~Wed. Aug. 20,~~ to Therp in her chair.

Wea. Thursday 20 Ther.

Tues. 18 Fine but warm

~~Ro'~~ Ken took Anne & Molly up town. Molly returned on street car in time for lunch. Gert Beach call & looks very worn. Mrs Beach not as well. Rose here & had lunch ready when Molly returned. Manton's personal officer called about Miss Bristol. Says she must not return to store until better. Anne & Ken. went to Tues. picnic at noon. Down in afternoon & Ken painted back porch. 842. Fed, Molly & Ken went to Symphony. Anne stayed with me. They had funny time getting started

Wed. Aug. 19

Wea. ~~Fri. Aug. 21,~~ 1931 Ther.

Anne had letter from Rob. We both had letters yesterday. Had headache most of night & still at it when I woke. Heart pain after trip to bathroom. Took Nitro & relieved mostly. Began Carmotis after two days rest 3 gtts. after lunch. Berda sent two new boxes from W. J. to Molly. Mrs. Mink came back yesterday. Molly wrote Archie yesterday. Mrs. Noonan in for few minutes. Spicers & Mr. Hatis over at supper time & stayed until 9½. Molly wrote most all day. Thurs. 20

Wea. ~~Saturday 22~~ Ther.

Had good night. Anne down & she & Molly cleaned up a little in Fred's den & then tackled So. room and kept at it all day. Trying to find Father's boy making boy but cannot be found. Anne & Kiu staid to dinner. Rake here. Staid out in chair until after supper. Had headache early. Dr. Read down to supper. But as soon as she left. Fred read to Band to us but I went to sleep. He went to Molly in dining room quite a time. She took bath & all

Fri Aug. 21.

Wea. ~~Sun. Aug. 23~~, 1931 Ther.

Yesterday Ken. salvaged a boat early this morning boat on fire on bay. Ken & Frank Quinn. went out & helped the fire boat. Then went on S.S. Indiana wh. is at quarantine being stripped ready to be sunk - when movie picture being filmed - Boat that burned had movie people aboard. Anne & Molly went to town - Molly at Dr. Hensle & Anne came home on street car. Fred fried my bath for me. had quite a headache after it for about half an hour. Ken. in to tell us about boats &c. Anne & Byrd down for a few

Wea. ~~Monday 24~~ Ther.

minutes after lunch. Molly came home with Ada Richard & they went to La Jolla. I was up on chair in front room. Ada arrived her friends & back with Molly to supper. I went to bed. Ada's friend came for her about 8.30 Stand about an hour. All in bed at 10. Hot!!

Fred over sleph. Sat. Aug 22. Molly off to town at 8. Anne phoned had a bad cold & no voice. Mrs. Birtle in to phone. Rose here & washed. Molly home at noon & was ready by 1. to go to Gracie's party at Mary Keating's. She took Anne, Mrs. Angier & Mrs Anthony. I was out in chair about

& bath head ached all day. 59

Wea. ~~Tues. Aug. 25~~, 1931 Ther. Hottest
went to bed before Molly came
home. had intended to go for a
drive but just couldn't. Visited
with Molly in evening.

Woke with Sore Aug. 23 84° - 70° High Humidity
throat & distress & felt with per-
spiration. Stand very quiet all
day but better towards night as it
was a little cooler. Molly slept late
busy all day getting ready to leave.
Anne down in morning. Ken. out to
sail with Jack Knights party - Jack
was 17 yesterday. Radio fine. Molly
up to see Mrs. Ellis in evening

Wea. ~~Wednesday 26~~ Monday 24 Ther. Stickiest 84°
Anne & Ken. down early & helped
Molly get packed. I went out on
side porch in chair. Fine breeze.
Molly got off at about 12^00 Anne
& Ken. up to Byrds for lunch.
Molly phoned from Rattis where
she had lunch. Anne & Ken. went
to town & brought me home
an electric fan. Truck came for
dining table for Molly. Anne & Ken.
went about nine. I was in
chair longer all afternoon

Tues. Aug 25. - Stockholm

Wea. ~~THUR. AUG. 27~~, 1931 Ther. 87°

Woke at 6 nauseated & distressed. Peppermint & Amyl Nitrate relieved. & after breakfast I was much better. Anne had letter from Rob. nothing doing yet. Ken. slept late Mrs. Moran & sister gone to San Francisco on visit & she will attend convention. wrote a little. Stayed very quiet all day. Packed in bed I did not see them. Man came for book Ken had salvaged. Rose here - Electric fan fine - Port out light early & woke to hear news at 10.

Wed. 26.

Slept until 5. A.M. Cooler night. No word from Rob. or Molly in morning. Anne ~~started~~ her sewing. She went up to see Betty in the morning & after lunch Ken. drove them up town - I was up & dressed & out on ~~lounger~~ chaise when she returned. Had headache & bed right after supper. Ken. out with Ronnie & Betty Martin & friends until 1^30 A.M.

Good night

Thurs. 27. Hot. 98

but after tiff to bath worse head & stomach upset. ~~Hard~~ pain & distress. Nitrate, Nitrite & Amyl left. Kept throwing up & action through. at 10^30 & I closed eyes all day. Rose better but I ate no lunch. Nausea &

distress latter part of afternoon -

Wea. SAT. AUG. 29, 1931 Ther.

Had a cup of Ovaltine earlier but lost it all. A little easier for a time but soon repeated the performance, just as Dr. Redelings came in. He think most long attacks Pseudo Angina. So do I, but one or two seem like real thing. He gave Metaphyllin - 1 tablet after meals. To begin Digitalis tomorrow again - 15 m. twice a day. Vomited just after he left after taking peppermint. Great relief with Almeida's old remedy. & soon asleep. Anne slept on porch but we did not call her.

Rain in night. Fri. 28 88°

& Charles up town in morning. Anne

Wea. SUNDAY 30 Ther.

& Hal went up for some shopping. Felt better after good night's rest but not able to eat any breakfast. Ate a little at noon - started the new medicine & Digitalis me dose 15 m. Anne decided to go to Fresno on Thursday & has her hands full getting ready. Dr. Redelings called in phone & wants me to have electro-radiograph as soon as I can. Stomach still upset. Had Enema with good results. Ate light supper & bed early.

Letters from Rob. & Molly. Molly spend

Nightcap, Tribune.

Sat. Aug. 29. Hot. —

Wea. ~~Mon. Aug. 31,~~ 1931 Ther.

Good night but stomach still upset. Just before lunch took Cl Ricin. Anne sorting linen to take to Fresno. Rose here. Kenneth off with boys for night. in his brats at Pico Pico. Usual day after Cl Ricin. Anne went to Divine supper at beach with Boyd & her friends. Boyd down in morning with something in her eye & way in her ear. Fred looked her over. All in bed early. Postal to Sam.

Sun. 30 Hot still

Woke feeling much better. Had bath after lunch & dressed & out in chair for couple of hours. Felt very tired by 5.30 & back to bed. — Anne busy all day. ironing &c. Ken home in afternoon & did a little more painting on the porch. Leaves to leave tomorrow. Church via Radio but many interruptions.

Wea. ~~Tues. Sept. 1~~ Ther.

Mon. 31 Cooler.

Got mixed about concert and stood quiet in bed so folks danced got then realized it was tomorrow. Phoned Dr. Redelings & he said not to come until 3.30 tomorrow. Decided to wait until later as Ken busy on porch. Anne went up to see Dr. Potter

in afternoon. Kan finished mod.
Wea. ~~Wed. Sept. 2,~~ 1931 ~~Ther.~~
of porch. Bed early.

Tues. Sept. 1.

Anne quite excited over going on Thursday. She has about reached the limit of her patience & I had to hold on tight lest to precipitate trouble. I am quite in bed all day so they could go to concert in evening. Kan busy finishing painting &c. & John took Anne to make calls. Mrs. Conover & friend drove with them. Kan & Fred went to Concert. Robinson girl, who is at Nardi's home drove with them. Anne finished her dress & went to
Wea. ~~THURSDAY 3~~ Ther.
bed quite about 10. but read until mid-night. Dr. Porter phoned the results of exam. & recommended iron &c. & food. Anne's Wt. 134.

Cloudy — Wednesday Sept. 2. —
Feel little rain in afternoon. Lucks finished moving and left house dirty. Anne more than usually around & keeping up on Stephenia. About 5. she stopped. Hope she is all O.K. tomorrow. Kan. doing odd & ends. Byrd down in afternoon about ~~some~~ Earo. better

Hen out with boys after finishing

Wea. FRI. SEPT. 4 1931 Ther.

painting of porches. Retired quite early. I was very tired with the strain.

THURS. SEPT. 3

Woke about 5 with nausea & dizziness. Peppermint, ginger, & Vitis finally slept about 7. Anne up about 7:30 & she & Hen again began packing car. Rose here about 11 to clean up 846. Lucie came & went out but we got Bob to come at 1. Lady & children came to look at gas today but said she wanted a fireplace. Anne thought the house too dirty. She came from Bach. Latin Mrs. Mrs. Crane came to look at 848 U. He wants to go to town. They were to call me up to-day. Lick Nebo & wife came to look at 846. May take it. All quiet here & I was asleep by 9. Letter from Mary Tuesday 4 in afternoon

Fine

Wea. SATURDAY 5 Ther.

Good night & felt fine. Good cheer as usual. Letter from Lizzie. Worked on accounts & fixed buttons on dress & wrote Anne. Tried typing letter to Mrs. Lippen about Pioneers. Two sisters to see 846 but must wait for brother to decide. Phoned Dr. Redlings & will go to see him next week. L.A. Fiesta over radio. Vachis brew & I got up & dressed but soon was sick. Stuck sick when I went to bed. Sat there a little while

Sat. Sept. 5 - Warm.

Wea. ~~SUN. SEPT. 5~~, 1931 Ther. Cool grad buzz

Had pretty fair night but disturbed early. Had peppermint & Steph. at 6. Fred seems much better. He went to store about 11. & helped Rose in kitchen. Letter from Robert, he is beginning to get discouraged but still hopeful. Wrote to him & to Molly. Miss Bristol in for few minutes.

Sun - Sept. 6. Warm

Had indigestion in night but all O.K. in morning. Had wonderful music. High Mass from Los Angeles celebrating 150th Anniversary of Los

Wea. MONDAY 7 Ther.

Angeles. Was up a little while on chair. Byrd down for a little while. Lots of Spanish music over radio. Monday 7

Labor Day. Restless night. Feel feeling quite like himself. Heard Wm Green talk at Labor meeting in Iowa. He advocates 5 day wk. & 6 hour day are reduction in wages. To absorb unemployment. Some time after lunch indigestion started quite intense. Did keep up all night. Fred worked on quarry all day & was very tired at night.

Time. Wea. TUES. SEPT. 8, 1931 Ther.

Fred had good night & feels rested.
I still had some indigestion and ate very sparingly. Better towards night.
Rose here & finished cleaning 8th
Bob. did a poor job of it. Letter from Robert. he is going to night school & brushing up on Math & Spanish.
I wrote him in afternoon.
Was very tired at bedtime.
Fred & Rose worked on graves.
Mrs Bristol in for a few moments quite discouraged. Phoned Mr. Rupert of Lutheran Church about "Good Cheer"

Wea. WEDNESDAY 9th Ther.

Broke early in pain which continued & increased until I had hypo at 3^40^. Slept soon after from & rested easy until 9. when I started to have breakfast but felt sick. so just dozed on until about 3. when I had some milk toast.
Mr. Jennings called. managed to write card to Bob. Showed. Was nauseated & sick all over & ate no supper. All pain gone except a little in head. Lights out early & had a good night.

Fine -

Wea. THUR. SEPT. 10, 1931 Ther. Cooler -

"All in" when I awoke. Breakfast late as Mr. Hunter did not send up titbits of Mag. Mr. Davidson here to get books for Museum & he took water bill up town to pay it & Fred went down to drugstore. Took half of bottle but just stirred me up so other half at noon - & a bowl of Cranberrys. Sick all afternoon not relieved until 3rd glass of peppermint & soda. Had gas opened - Enema at night. Fred made up bed with me in it. Lights out at 8^30 Afterwards

Wea. Fine FRIDAY 11 Ther.

Bad night - Letter from Molly yesterday - Phoned Mrs Judy about bonds received. returned them to office. Stomach & bowels still uneasy. Ate breakfast & a little lunch. Fred busy at sink at 8^45 to Dr. Nurse appeared about 3. Looked rested & had a fine time. Georgie with her. Read light literature & had radio once in a while. Fred at work up stairs -

Fair night but awke exhausted
Strychnia at 7. Puke about & slimpsy. Took
two Nitro Glyc. Started gas moving.
Breakfast as usual. 10 A.M. B.P. 72. Irreg but
strong. Ate lunch little. Took Metaphyline
Dr. Redelings came about 3. B.P. 140-85. P. 60
J.C. Grace in Ruth up town. Tatha Keating
announced at L.A. Mass last Sunday. Grace at
Tegarty with Mrs. K. & Mary. Fred at store
in morning. Mrs. Woodrum over here while
he was gone. Rose here & fixed us up for
Sunday. Digitalis at 4. Ruth came for
Grace. Tired after they left. Read all
day & finished "Good Earth" a Chinese
story not very happy one but true.

Woke at 2.30 in Distress & nausea
quieted a little by 4. & slept. Ate
no breakfast. Radio at 8.30 to hear Handel
but it was postponed to 1.30. Hard Mass at
Old Mission. Tatha Keating announced
& said prayer in English. Dutiers went
of time. Adonal at 9. & had a little
sleep. Distress increased & was very
hard. Got of Nitro & Nitrite & finally
Hypo at 1.30 Called Dr. Redelings. B.P. reduced
P. bounding from Nitro. Hypo. taking effect
& much easier. To take Metaphyline 3
times a day. Benzyl Benzoate every 4
hours. Slept. No supper. Dr. Read
& Carrie Bates were back but not see
them.

Wea. MON. SEPT. 14, 1931 Ther.

Fine night. hardly moved. Laborate & Strychnia at 8 30. Orange juice & Metaphylin at 9. Pulse irreg. not over strong. 72. Had toast & Coffee about 10 30. Fed crust & stone & at 1 30. I had bowl of soup & dish of pudding P. 72. not very strong. Just rested but no pain or distress. Dr. Read & Mrs. Moore called but I did not answer the phone. Sharp pain under shoulder blade at 4 30 took Nitro & relief. P. 80. Phoned Redelings & he wants me to continue Digitalis 15 M. twice a day Lots of medicine but he says I have nothing else to do.

Wea. Fine TUESDAY 15 Ther. Cooler.

About 3 had horrid nightmare & it was 5 before I could go to sleep. Had some distress in stomach took Bensyl at 10 & 2. but no other medicine — Digitalis at 5 PM. Letter from Molly. Anne & Rob. Fed wrote Molly but could not let me write. Fed gave me bath & later Rose changed the bed. Had consomé & baked potato for lunch Mrs. Barnes over about 2. & had a prayer with me. Dozed for a short time in afternoon. Read a little but dozed out easily.

Fine Wea. WED. SEPT. 16, 1931 Ther.

Good night. Have no pep. but no pain - P. slow 60 - not very strong want to write but too tired.
Benzyl at 10. Digitalis at 11. Fred went down to store. Mrs. Goodenough in dining room. Had fine beefsteak & onions for lunch. Helped appetite. Benzyl at 2. Fred wrote letter to Etta Withington. I wrote note to children. Benzyl at 6. & 9.30. Had some bowel disturbance last night like yesterday. Mrs. Moran phoned & will be over to see me Friday. Fred cleared up lots of his papers & made a lot of letters.

Fine Wea. THURSDAY 17 Ther.

Fair night. Tired in morning P. 60 -. Peppermint & Strychnia over made me feel better - 11 - P. 68. Fred went to store & to town at 11.17. Rose here before 12. & all O.K. Papers full of Police more to clean up. Can't help being a little suspicious of it all. Austin is pushing ~~me~~ Col. Huey to front - to prove his good judgement in removing us, no doubt. Picture of Stella Martin & her 2 sons & of them minutes. I cut it out of Union. Fred phoned to her for me.
Dr. Newell in few minutes.

Wea. Fine Fri. Sept. 18, 1931 Ther.

Good night but troublesome dreams. Woke a little depressed. P. 60-. Ate breakfast & felt better. Took Benzyl at 10 & 2. Tried up to see Betty. She is doing well. Wrote note to Robert and Wally. 12 M. P. 68 - not very strong. Some pain after lunch but relieved by Benzyl & Benzoate. Letter from Lizzie tells of Harry Whiton's death. Mrs. Moran with baby came at 3. She surprised me walking with me came. Has grown very stout. She will return next week for her eyes. Took Digitalis at 4. No more phyllin yet as to gauge gas & some distress. Tried Heating up the Saturday 19 Ther. Water to P. at 4-68 after Digitalis 60. Benzyl at 7 30 Ate good lunch. Ovaltine at night

Cloudy - Sat. Sept. 19. Cooler

Woke feeling faint & distress P. 54-58 Took peppermint & Strychnia. Benzyl. Benzoate at 8. Nitro & Nitrite. Better about 9. P. 60 & not a bitter rel. Continued some time. Tried read paper to me & I listened to radio. No breakfast but orange juice. Rose came at 12. Sneezing off & on 12. P. 56 & irreg. Benzyl. Hard a mean

time with gas. bloated greatly. After
all sorts of Wea. ~~Sun. Sept. 20,~~ 1931 Ther.
attempts wh. were without success. Dr.
Newell came over & advised strict practice
wh. started things. Phone Mr. Hunter to send
up Nuick of Acidophilus for next time. Ate
some lunch left my supper.
Monday birthday ~~Sept. 20~~ Blowy
Had a special delivery letter from Molly
much to my delight. Had a good night
& ate breakfast & lunch with relish.
Church & music over radio. Sat up in
chair while Fred made my bed. Carrie
Bates & Margaret Penrarden grandchild came
in just to say howdy. Fred up with Chalk
in afternoon. Wea. Mole ~~Monday 21~~ & Molly Ther.
just at the end Sub-stomac pain began
& grew very severe Nitro & Nitrite relieved
after a while. About 5. Pain again. both
relieved sooner by Nitro & Peppermint. Dr.
Newell in & sent home for hot water
bottles. wh. relieved both soon got too
hot. Turned on radio & soon asleep
no supper. Fred wrote until 10.
Awake at 7 Mon. Sept. 21 - warm
& some distress. Hot Peppermint & Stuckin
Radio & heard Hoover fine speech to the
American Legion - Also Heroine Baker & others
Breakfast at 9.30 - Dr. Newell in on

~~May 5 Tues. - Letter from Robert.~~

~~Wea.~~ ~~TUES. SEPT. 22, 1931~~ ~~Ther.~~

Archie & Joshua Bailey Jr. came at the same time. After greeting me Archie sat out in dining room over on front. Jed did not want me to talk. Archie wanted to have a new contract as soon as he gets a job and let him pay as fast as he can $2000. possibly some interest. We agreed. He is looking after the children & his money is in the bank. About 4 I had distress from gas. & used Asaf. Suppos. & soon got relief from distress both. is reminded - the of Mother in the ~~WEDNESDAY 23~~ Dr. ~~Ther~~ Wea. Rain. Herrell brought me a hot point heater but I did not have to use it. Charlotte Robinson died this morning from ruptured appendix. Ines Sept 22.

Good night until 4 A.M. when I had a slump & distress. Peppermint & Stych and Asaf. Suppos. relief very soon. Wrote again at 5.30. then slept until 8.

Mrs. Davidson called up about the Cabrillo Celebration in 92. Rose here wrote a note to Mrs. Mrs. Robinson. Ate lunch with Dick. Kept quiet all day. Mrs. Moran didn't come

over Sunday last - all day

Wed. Sept. 23.

Had good Wea. ~~Thur. Sept. 24, 1931~~ Ther.
night & feel pretty fine in
morning. Dr. Newell stopped
in for few minutes - Radio early.
Fred went down to store and I
wrote a little. Pretty in afternoon
weighs 110#. Had headache and took
Allonal & lights out by 8 o'clock -
Fine Thurs. Sept. 24

Fine night but very stupid when
I awoke at 7.30. Jam Dunning over to see
Fred about Parks &c. Rose here. Decided
to begin Digitalis again - Mrs. Noonan
in but did not see her. Got up on feet
once or twice Wea. but ~~Friday Sept 25~~ sat up Ther.
Mrs. Noonan over about eyes. She has no
job yet, is too modest in her statements
I think. Fri. Sept. 25. Kerr. 19 to-day
Letter from Anne - All going well. Read
a good deal all day. Was very trouble
some late in afternoon - Assaf. Suffos.
& digestant. Jarco here to fix roof $644.
& helped Fred fix burner at 8.42. Anti-
prohibition starting petition for repeal. Dr.
Drona head in S.D.!! Fred wrote a reply
& sent to Union. Dr. Newell in & offered to
do errands.

Letter from Rose

Had fine night. Not much pep

Wea. SAT. SEPT. 26, 1931 Ther.

Man from Union here & interview
Fred on a movement for Child Welfare,
Grat. & Survey. Fred article in Union
Letter from Molly written yesterday
morning. Miss Evelyn Jones of Ocean
Beach had long talk over phone
about prohibition. Rose here & sat up
in chair while she made my bed.
Very tired & nervous later. Strych 1/60.
Ate slice of toast & chocolate & put out
light early. Had ballgame 2 to 5, So. Cal.
& St. Marys. St. Marys led. 13 to 7.
Letter from Molly & Anne

Wea. SUNDAY 27 Ther.

Pretty fair night. Radio particularly
good. Had light dinner but not
hungry. Fred wrote to Anna Brooks
& Anne. I was too tired to write
Had sick headache about 5 &
to Alonal. Lights out early
Had Ovaltine about 9. & soon
asleep. Fred had a number
of compliments about article.

Fine Wea. MON. SEPT. 28, 1931 Little cooler Ther.

Fine letter from Robert wh. came just as I started to write him. Wrote him quite a letter. Felt very tired but listened to radio & read off & on. Dr. Jones replied to Fred in Union & he wrote a reply. Phone Mr. Green about it. Lots of fun. No supper but played Solitaire. Inging Stretch 3 times a day for tonic. Benzyletten at meals & bedtime. Used Assaf. Suppos about 5 with great relief. Headache & took Allonal. Walking at 9. & bed

Wea. TUESDAY 29 Ther.

Slept well & felt fine when I awoke. Ate breakfast & lunch with relish. Expected to sit up but Fred said not until tomorrow & as the day went on I agreed with him. Rose here & got me my Christmas list but I shall wait a little while before doing anything. Wrote to Molly & read a little. A little solitaire & ovaltine & bed at 9. Fred wrote some & out in garden a little. Dr. Newell in a few minutes. Mr. Newell has gone to Texas.

Fine.

Wea. WED. SEPT. 30, 1931 Ther.

Good night & started out in fine shape but "Leaves are not all dead yet" After a good full breakfast I ate a doughnut & over after wished. I had not. Used Suppo. Assaf. & Peppermint about 1. & my new pad & was soon fairly comfortable. Felt of course no getting up to-day. Fred went down to mail my letter to Lizzie etc. I wrote early in the day. Letter from Molly. Used Assaf. once more & ate no lunch. Beef tea at 5. Dress & ready for Walting at 9 30. Phone from

Wea. Blowy THUR. OCT. 1 Ther. Hot. 92.

Had good night but tired when I arose. Ate good breakfast & lunch. Used Assaf. once. Baseball League series on & I listened all through with great interest. Athletics won. 6-2 against Cardinals. Another game to morrow. Mr. Minie brought keys in & claims a rebate on. since used Gas & Laundry bill? Rose here & washing. Fred went to town home ahead 2. Very hot & I went out for dining room with Rose's help.

stayed about 3/4 hour. glad to get
back in ~~Wead~~ ~~Fri. Oct. 2, 1931~~ Ther.
Mr. De Aryan called. looked very
well. Spiers & Mr Ray Harris here to work
on shells. At 8 had Ovaltine & listened
to radio. Fri. Oct 2 Stiff hot 86°
Another good night. Felt pretty tired
but no pain. Betty phoned. that
Don had gone to L.A. & they would
follow in about two weeks. Dr notified
Agnes & one of them brought Percy
Williams over in afternoon but they
said it was too small. Mrs. Williams
is an old patient of mine & a friend
of the Hodges. Had an extra fine time
with ball game ~~SATURDAY 3.~~ Card in Thelma
room this time. Got up & put on wrapper
about 3. Fred tested eyes & lay in chair
little while when intense headache came
on & I went to bed feeling sick all over
& some heart pain. Orange juice & Strychnine
about 5. Ovaltine at 9 & soon asleep.
Slept all night Sat. Oct 3.
awake at 3 & at 7 30. Exhausted. Peppermint
& Strychnine. Forced breakfast at 9. but
did not care for it. Nausea & some
pain about 10 o'clk. Kept up until
about 3. No lunch. Orange juice
& Strychnine at 4. People came to

look for home - both wanted to be on
Wea. ~~Sun.~~ Oct. 4, 1931 Ther. Cooler.
& not on car-line - Rose here.
Vachers called but I did not see them
Had two communications commending
Fred's Articles in Union. Had pain &
quite a miserable time with gas-
tred Asaaf. Peppermint & put ~~pad~~ on
bowels & chest. Dr. Herrell came over.
Ovaltine at 9. & soon asleep. Fred
wrote to Rebecca & Anne - & other writing
& out in garden -

Sun. Oct. 4.

Good night & felt much better
in morning - but no ~~pep~~. Ate
Wea. ~~Monday 5~~ Ther.
light breakfast & lunch. Radio
on, off & on. Betty Weblen down to
say good-bye - about 4. She & Don
leaving for L. A. Mrs. Robertson
to go later in the week. Letter from
Ann Pearsall yesterday. Charles quite ill
in hospital. To have aspiration opera-
tion. think gastric ulcer. Fred busy
writing. Ovaltine at 9 & bed.
Good night. Mon. Oct. 5
Not hungry. so light breakfast & lunch.
Letters from Molly & Maude the
latter enclosing one from Ann

Pearsall. Charlie's case diagnosed
incurable cancer of stomach Wea. ~~Tues. Oct. 6, 1931~~ Corter Ther.
We can do nothing for her but pray
for her to have strength to stand it.
Ball game on again & I had fine
time following it. Mr. Bailey - postmaster
down to see Fred. Staid until 6. Dr
Nemell in about 8. Thinks I am much
better. So do we. Fred gave me a
good bath in bed - & wants me to
stay very quiet. Thurs. Oct. 6
Slept well - but very tired - did not
want breakfast but finally ate
milk toast. Mrs. Robertson in to say
good bye. Rose here. Woman
came to ~~work at home~~ WEDNESDAY Wea. 8 A.M. Ther.
but not what she wanted. Rose
poached an egg for me for lunch.
Heard ball game & athletics from
this time. Read a little. Had
a little pain about 3 - sharp
for a time but Nitro relieved.
Heard Hare over the phone in
Back of the News. At 5 had orange
juice & soon felt much better
Asaf. relieved bowels. Sat alone
for a time. Community Chest people
here but we did not subscribe this
time - may later

Wea. Oct. 7

Wea. ~~Thur. Oct. 8, 1931~~ Ther.

Fair night. Took all in in morning
Had peppermint early. Had egg &
toast for breakfast. Fred went
down & got me a chop for my
lunch & a small baked potato.
Much less gas to-day took usual
Assap. with good results. Wrote a
letter to children & heard from
Rob. Ken & Anne. Listened to ball
game very exciting. Fred in to
hear it with me. Bed early.

Thurs. Oct. 8

Wea. Fine ~~Friday 9~~ Ther. Cooler.

Woke quite early. some distress
grew much better. Rose here &
helped me on to sleeping porch
while she made my bed.
Fred wrote to Molly. She sent
us card & letter to-day. Ate quite
a dinner - pretty full but no
distress. Dr. Newell in & thinks
I may get up slowly. Played
Solitaire in evening. Bed early.
Good night. Fri. Oct. 9
& feeling fine. Pain about 9 but
nitro relieved but left me tired

Wrote a little on Christmas list

Was up a ~~Week~~ ~~Sat. Oct. 10, 1931~~ Ther.
an hour in reclining chair in afternoon
Heard the baseball broadcast - Little
fellow in crowd called out "take off
your hat" as the National Anthem
was played - wh. pleased me greatly.
Mrs. Northern in to see me a few
minutes & Meta Austin Meade in to see
about 8 A.M. but I think she will go to town
to save car-fare. Fred kept busy about home
& garden & some writing - He has begun
abstracting again - Letters from children.

Fine Sat. Oct. 10

Good night last a little tired. Intended
to have bathed in ~~Sunday 11~~ tub. Then at
like Lizzie when she was her. "thought
I would wash entire tomorrow!" Rose
here - Heard the final game of series
quite exciting - Cardinals 4-2 ~~Wrote~~
Light out early - Some little pain -

Fine - Sun. Oct. 11

Waked very tired after a restless
night - Radio fine - had to force myself to
to eat - Slept in afternoon & wrote clothes
had severe pain for some time - heat &
Nitro (6 gr) & Allonal quieted - Mr. Spicer
here - in raking yr afternoon. Mrs. Conford
had copy of Herald for us. Cavalline at 8:30

~~Fine.~~

Wea. MON. OCT. 12, 1931 Ther.

Waked tired & some pain but one Nitro relieved it. Kept very still as Abbott wants Fred at meeting at 5. Wrote Molly quite a letter & had a good one from her. Mr. Wright came for Fred at 4^30^. I had no trouble. Read & played solitaire and heard radio. Fred home at 6^30^ & he wrote on abstract. Solitaire & radio until 10. Bed time & lights out.

Tues. Oct. 13

Awoke in some distress in breathing. After breakfast some rest to sleep but not ~~TUESDAY 13~~ Wea. Ther. receive Porter. Rose here. After lunch felt some better & looked over Xmas cards. Rose made my bed while I lay on sleeping porch. Read & wrote in diary. Ray here in garden (Fred installed glasses again) not equal to writing so read & tried to sleep. Radio from 5 on. Took Nitro & breathed a little better. Fred busy at writing. Letter from Molly to Fred. Lights out at 10. Still clipping from papers.

Good night. Didn't call Fred until 7½ a.m. Wea. WED. OCT. 14, 1931 Ther.

Yesterday pulse was slow & weak all day 56 most of time. Stice about 56 & not good & strong. Bicyclettes seem to have stopped the irregularity. Ordered my dinner from Hamilton's to-day. Think I must have broken some over, but not since July 3. Wrote to Robert. Had a tub bath about 4 & was very tired after it but felt fine. Fred wrote an article for Sun & other letters in eve. I had light out at 9. Played a little solitaire

Fine. Wea. THURSDAY 15 Ther.

Woke tired after a rather restless night. P. 56 & quite weak. No relish for breakfast but ate it all. Fred came in with news of Mrs. Boffs death wh. didn't cheer me much. A letter from Anne was quite cheerful. Rose here & washed. Wrote note to Miss Sheldon. Mrs Bowman & her niece, She told me of Mrs Simison. she had cerebral hemorrhage. Radio off & on. Did not feel equal to getting up. Bed early. Some pain during day.

Wea. Fri. Oct. 16, 1931 Ther.

Woke up feeling better after a good night. Didn't crank any lunch but finally ate some. Had gas all the afternoon. Used Asaf. two or three times & peppermint & hot pad. Orb. relieved pain. Wrote Anne a poor note too tired to write much. Just rested & had long nap. Mrs. Bryant of Community Check here with a little temperance book & hoping we would subscribe but we just can't. Had my oral tone about 9. & lights out. Tied busy with sheets for Stang & Doctor & Dr. Morris W. Spec.

Wea. Cloudy Saturday 17 Ther. Cool.

Never feeling fine & expect to get up to-day. Radio from Fort Worth Celebration. Coolest morning we have had so far. Rose here. Lunch tasted good for first time in a long time. Tied busy upstairs most of day. Sat up in reclining chair a couple of hours. Radio for quite a time. Lights out at 9. Letter from Robert in afternoon.

Best day I have had yet.

Covered a little bit warm. Had
a regular Wea. SUN. OCT. 18, 1931 Ther.
collapse about 7 30. Took two doses of
Amyl before pulse began to respond.
& I was limp as a rag all day.
Just lay still & slept & listened to
radio - Heard. Jewish Rabbi very fine
& a glorious voice - Dr. Poling. Dr. Cattman
& Fosdick - all good - Fine music -
Instead of Seth Parker. had a fine
memorial service for Edison who
died in the early morning. Fred
busy writing came to bed long after
10. Rain in evening. & part
of night -

Still cloudy Wea. MONDAY 19 Ther.
Cleared in afternoon
as did my spirits.
Had a fine night & feeling when
I awoke but limp. Fred went to
see Dr. Newell about an errand -
She thinks getting up good for me.
I don't know but shall not get up
to-day. Heard Hoover yesterday & he was
fine - Fred went down to store & got
my lunch - After lunch had talk with
Miss Hard of Colorado. She is an
invalid - is interested in the Dry
movement. Fred wrote to Lizzie & I
wrote to Rob. Radio music of day.
Lights out early.

Pulse 64 - 72

~~Fine~~

Wea. TUES. OCT. 20, 1931 Ther.

Called Georgie Newell to wish him a happy birthday. Felt better when I awoke & hoped to do a lot to-day but, while better, had some pain & was tired & so only directed one Christmas card. Rose here. Mr. Graham (M.A.) called in afternoon to see if I could see Mr. Hesketh. Saw Mr. Graham & told him to bring Mr. Hesketh in two or three weeks. No letters received or written to-day.

Wea. WEDNESDAY 21 Ther. Cooler.

Still lazy & did not care to move. Had a small helping of baked beans & brown bread, both canned. did not disturb me at all. Maggie Doty called about 2.30 & stayed 3/4 of an hour. I was quite tired although I let her do all the talking. Had to just rest until bedtime. I was quite disgusted. Mr. Spicer down in evening. Lights out 1 minute at 7.

Mothers birthday. 102nd

Wea. THUR. OCT. 22, 1931 Ther.

Woke aftr rather disturbed night very lazy & tired. & some headache which held on until night time when I took Allonal. Rose here & fixed us up in good shape. Letter from Anne, they had been to S.F. and saw Rob. She referred to Molly's letter but that has not come. Fred busy with sheets & watering all day. he seems very well. He went up to Bank & one or two errands & had Gas & Glass cut off from 844 & 846 Gas from 848 N. Mr. Sutton brought lady Fred phoned ~~Wea.~~ to Mr. ~~FRIDAY 23rd~~ Manton ~~Ther.~~ & Herbert for one yesterday. Woke feeling much more like myself & wanted to do things. but Fred had me wait until after dinner Carrie Bates over & went make break with Raymond. would like to come here. Phoned Mrs. Dunne about Mrs. McNaughton she has been in my mind much lately. Fred told me that Mrs Bristol may have to leave us. he has warned her three days. Spent rest of day trying to see where she could return

Had some headache but no heart pain. Lights out at 7.30 & soon asleep.

Wea. ~~SAT. OCT. 24, 1931~~ Ther.

~~Sat~~ Oct. 24

Didn't wake until 8.30 and still pretty sleepy. Ball games on & listened. Wrote to Moody or rather finished her letter. Rose here. Fred went down to store. Nice note from Miss Shelton. Sat up in chair while Rose made my bed. Mrs. Moran phoned & I talked a little while. Letters from Rob. & Moody. Oh, did me good. Sat in a little while. Christmas cards from Moody.

Wea. Fine SUNDAY 25 Ther.

Did not sleep quite as well but felt quite fit after breakfast. Wrote one Christmas note & heard the radio. Dr. Polling. Dr. Cadman At 7.15 P.M. Al Smith & Nicholas Murray Butler with plea for the needy & unemployed. Fred busy about the house and watering garden. It seems very strange with the houses not rented. Fred wrote in evening.

Good night & felt pretty fine in morning & eat a good appetite.

Wea. MON. Oct. 26, 1931 Ther.

Wrote to Rebecca & Lizzie & wanted to do more but Fred said wait a little. After lunch put on wrapper & sat on porch 20 min. or so. Then started headache & I was glad to get in bed. Had a good nap & head soon quieted down so feel sure I am really better but oh, how slow is the improvement. Dr. Newell in for few moments. Lights out early. Fred abstracting book on Prohibition

Fine. Wea. TUESDAY 27 Cool. Ther.

Had good night. but tired & so stuck in bed all day. Just sat up to have bed fixed. Wrote a letter to Molly but that was all. Phoned Mary Chapla & Mrs. Moran. Mrs. Smith in to see me. told me of Mrs. Simeon Rose here & worried about her headaches. Fred busy writing. He went down to the store in afternoon. Sat awhile a little while. Bed early.

Fair

Wea. WED. OCT. 28, 1931 Ther. Warm. 82°

but very good night. Some indigestion. Peppermint & Soda. at 6 & had good rest. Letters from Molly & Robert. Started on Xmas cards did quite a little. Got nervous with heat. Fred gave me a good rub & felt much better. Read & played solitaire. Fred nearly finished abstinence temperance book. Began on Mumon. Mur. To-day.

Wea. Fine THURSDAY 29 Ther. Warm 99°

Good night until about 5 A.M. Letter from Anne. Sorted Xmas cards. Went in to toilet for first time in many moons. Not a little. After lunch up & dressed & walked into front room by myself. Sat up in long chair for about two hours. Not very tired & when back in bed had call from Dr. LaBarre. More cards come from Anne & Molly.

Fine Slice warm

Wea. FRI. OCT. 30, 1931 Ther. 58

Woke early 5 A.M. in some pain & sneezing. Covered up warm. peppermint & Glycchnia & had a good nap. Anti-cold & slept a couple of hours. Wrote to Moody & one or two Christmas notes. Fred went down for ice-cream wh. made a fine lemon. Mr. Reed over for a short case on Fred & his shells. Phoned Mrs. Smith about Mrs. Penfold. She has had a retinal hemorrhage. Bed early.

Fine. Wea. SATURDAY 31 Cooler Ther.

Good night & cold better. Dr. Porter called & I talked with her. I also phoned Mrs. Harter her 78th birthday. She was as cheery as ever. Fred went down to store. Rose here. Had trouble with bowels all day wh. increased towards night & not greatly relieved by enema. Wrote a little on cards but bed early. Mr. Graham over sometime this week. Thursday I think. ?

Fine

Wea. SUN. Nov. 1, 1931 Ther. Cool. 77°

Had restless nights. Took Ol Rivine at 6 A.M. with Peppermint & Strychnine. Stayed quietly in bed but Kept Fred busy. Began radio at 8 PM with good music. Heard four fine sermons. Rabbi Stephen Wise, Dr. Poling. Dr. Stockman in place of Dr. Cadman who is ill. Sat 2. Dr. Fosdick. Had other good music, some of the old tunes. Ate quite a hearty. Miss Brister sent in some fruit & flowers. Had another sermon in afternoon Rev. H. E. McLittlebough, United Presbyterian. 7 45 Hoover's Unemployment Relief program. News at 10. Bed

Wea. MONDAY 2 Ther.

Monday. 2. 77°

Good nights. but headache & "rel in" in morning. Worked a little on accounts. Fred out in garden. Dr. Kennell in for a short call. Did a little sorting of cards in the morning but rested most of day reading, sleeping & hearing radio. Fred writing most of day. Phoned Mrs. Moran.

Fine. Wea. TUES. Nov. 3, 1931 Ther.

Slept very tired so did not try to get up - Rose here. Had a bath in tub & bed felt fine - Fred kept busy at typewriting mass here & fixed it - Letter from Anne with 10.00. Did not feel like writing anything. Pat O'Rourke called me up to say how much he missed me. Very funny he says he is going to bring me some eggs - Mrs. Smith called to tell me Mrs. Pinford at Metabolic Clinic - Radio as usual - Bed early.

Fine Wea. WEDNESDAY 4 Ther.

Woke greatly depressed & could hardly make myself eat but did - Fred went down to store & fixed hydrants & faucets - he forgot Tuesday Club last night - Letter from Molly - Tried to write in afternoon but couldn't - Mrs. Moran phoned & gave me message from several people - See Harper & Mr. Hopkins among them.

Fine

Wea. THUR. Nov. 5, 1931 Ther.

Another depressing day for me but managed to write Anna. Letter from Robert. he leaves San Francisco Nov. 14. & will spend a few days in Fresno & then go to San Pedro. Rose here. Fred up town with Henry Haley, who called about his going to Helping Hand Home. Rose staid until Fred came home. Mrs. Moran phoned about Mrs. Beach who is very ill & doctors give no hope. Felt pretty tired & bed at 8.

Wea. Fine FRIDAY 6 Ther.

Had nightmare in night, but felt some better when I awoke. Letter from Lizzie. she seems quite well. Fred went down to store. I wrote to Robert. and phoned Gen. Beach. Went to sleep reading & had a long nap. Fred make me with my lunch & I ate quite a lunch. Still sleepy & dozed most of afternoon. About 6 had sharp heart pain wh. returned twice. Hot pad & Nitro achieved both. I must not sleep & doze

Rained a little in night &
still sprinkling in morning.
Wea. SAT. Nov. 7, 1931 Ther.
Had good night & felt fine
but a little tired when I woke.
Saratoga came in this morning
whistle & horns blowing. It was
so foggy yesterday morning.
Fine radio concert from N.Y.
Philharmonic - a children's
concert. Mr. Tuttle of Ramona
gave good cheer. Rained hard
most of afternoon. Pain came on
again about 3. but we nipped it
in the bud. Kept very quiet & bed
early. Tied wrote until 10.

Clear but damp. Wea. SUNDAY 8 Ther.
Had Mr. Jarco over to look for leaks
but found none. Had good night
& felt pretty good. Expected to get
up after lunch but pain returned
off & on - not very bad, but kept
me quiet. Wrote to Molly & a couple
of notes of sympathy - Radio in fine
shape. Hoovers unemployment
program fine - Washington - New Orleans
San Francisco & various other places -

Fine –

Wea. Mon. Nov. 9, 1931 Ther.

Had indigestion early in morning but good sleep after it was relieved. Tried to get Mr. Gregory but had to leave message with Herbert Chase, Secy. Phoned Miss O'Connell. I was homesick for J.W. Heard Miss Scarman over radio for Women's Clubs. Phoned Sent Beach. Mrs. Beach easier. Wrote a little some Christmas cards. Felt slumped after lunch. Genevieve Herbert called, with cake from Lisie Received. Had a piece with my 5 P.M. Orange juice. A letter from Moody upset me. I was very silly. Dr. decided to me they wanted me to go to Fredericka Home very soon. Fred soon comforted me & had a fine night.

Wea. Tuesday 10 Ther.

Tuesday 10.

Awoke with a headache but I felt better after lunch and I sat up until 4. Rose here and she had quite a cold. Dr. Read in for a few minutes. Letter from Dr. Mary Ritter's niece. Dr. has been very ill. Worked a little on Christmas cards & felt quite relieved. Beautiful snow from

J. W. C. a. Chase –

Rained a little in the night.

Wea. WED. Nov. 11, 1931 Ther.

Cloudy most of day.
Woke up with a little indigestion but soon relieved. Listened all day to Armistice programs until about 8 30 some one put on a vivid description of a battle in the trenches & I had to switch off. I got up for a little while but soon tired & came back to bed. Went to Lizzie & Robert. Yesterday Ray moved the tree wh. was in front of window. Had a glorious sunset cloud especially beautiful. Solitaire & bed after 10.
Fine!

Wea. THURSDAY 12 Ther.

Laid awake about two hours thinking about Grace. Ate bach took Allonal & slept until 9 A.M. Fred decided to go to town. Wrote a note to Grace. Letter from Moody. Rose here. Had pain off & on all day not very hard but hard enough so I did not get up or do very much. Mr. & Mrs. Spicer here in the evening. Had a little visit with Mrs. Spicer. Solitaire & radio. bed early.

A glorious day.

Wea. FRI. Nov. 13, 1931 Ther.

Miss O'Connell had the board. Cheer & was very good. Dr. Crandall & Dr. Welpton called for a few moments. It was quite a refreshing breeze for me. Worked on Christmas cards a little while & wrote to Nancy Borrow & started letter to Molly. Got up about 3 & out on porch a few moments & then in long chair in dining room until 5. Back to bed & finished Molly's letter.

Wea. Fine SATURDAY 14 Ther. Cool

Felt pretty good early but by 11. had distress so staid very quiet all day. Letter from Grace she has been ill & went to the hospital for a few days. I didn't quite like the tone of the letter but it may have been my imagination. Letter from Rob. Went to Frank's with Rest. Just waiting for Anne & Ken. to spend the night with Dr. Emma. Wonder if they got into the storm. ~~Grace in bed~~

Rain & blowing in night.

Wea. SUN. Nov. 15. 1931 Ther.

Wased as usual early morning. Cold & tried to light electric stove but fuse blew out. Lit gas stove oh. Fred had painted but odor too much for me. so had hot bottle & electric pad. & Fred lugged kitchen stove - Mrs Bindoo reported great noise upstairs at 8 P.M. Fred found window partly open so door must have slammed "or something" Wrote at time to Anne & Rob. & listened to radio Dr. Pelling & Fosdick

Wea. Clear MONDAY 16 Cool Ther.

Didn't sleep very well last night but was very comfortable. Did not have Ovaltine last night. Had a tub bath & shampoo before my lunch - Mrs. Moran & her sister here for a little while. Had box of Pecan Candy from Texas but no sign of who was the sender. Dr. Revell came in & brought me piece of cake oh. I had with my orange juice at 5. Solitaire & radio in evening.

"Open & Shut" work all day -

× Wea. TUES. Nov. 17, 1931 Ther.

Felt fine after a good night and wanted to get right up but Fred said wait until after lunch - Had a good nap - Letter from Lizzie. Wrote on Christmas notes Called up Mrs. Beach yesterday Mrs. Beach is very suffering but slowly failing. Also called about Mrs. Barnes who was in an auto accident with her boy. She was only bruised and is coming out O.K. Mrs. B. said he would come & see me if I wanted him but he didn't want to be a nuisance.

Wea. ~~WEDNESDAY~~ 18 Ther.

Had a little pain about 4.30 or came to bed. Had a doughnut wh. tasted better than anything I have eaten for a long time, with my orange juice at 5. & about 6 had sharp indigestion & pain wh. kept up more or less all night. Wed 18.

Woke with pain & distress radiating to right side more than left. Nitro & breakfast relieved it until about 10.30. when it returned & kept up all day. Not very severe but tired me out. Letter from Annie

Had fine nights - with Aspirin & Ovaltine. Wea. THUR. Nov. 19, 1931 Ther.

Pain started again as I moved about. Nitro relieved. Started again about 10. Took Rots. am quite sure it is from gas & cold. Dr. Melpton phoned about some women doctors. Irvine both was in Med. Soc. Hot soup for lunch & no pain after about 2 P.M. Miss Halley brought Miss O'Connell over with flowers & fruit from her anniversary lunch. Had a fine call. Read & played solitaire rest of day.

Fine Wea. FRIDAY 20 Ther.

Good night & no pain. Letters from Anne & Molly. They will not be here Wednesday night late. They go to Stanford Sat. for the game. Phoned Mrs. Ross about her birthday. Robert had to resign from Academy & came home yesterday. Some trivial thing & they hope he may be reinstated & go back in June. Got very restless about 3 so put on wrapper & went out in dining room. Mr. Graham here he is going to send us turkey for Thanksgiving. Bed at 5 & solitaire

Rained some in night.

Wea. SAT. Nov. 21, 1931 Ther.

Restless night & disturbed when I awoke. Felt tired so just lazy. Rose here & not very joyful over the news of Children's coming as she has left home run down while she has been feeling badly. Sat up a little while but soon felt tired. Bed radio & solitaire. Cold in night. Much day snow in mountains. Letter from Anne

Wea. Fine SUNDAY 22 Ther. Cold. Max 58°.

All O.K. Radio sermons. Dr. Pollitz Cadman & Fredick & service at St. Luke's. Up for a little while at 3. Byrd down & made quite a call. I went to bed right after it. Fred went to Archie sometime ago. No word from Hazel yet. Nervous & played Solitaire

Snow returns in Mts. & many went up to see & play in it.

Wea. Mon. Nov. 23, 1931 Ther.

It was good & cold out of sunshine here but our little stove soon warmed us ~~off~~ up. Addressed a number of cards. & read the paper. Fed down to store before lunch. Up at 3 until 4³⁰. Ordered some of the things from Hamiltons. Bed & solitaire & radio until 10. Fed finished some more abstracting more temperance papers & other odds & ends. He was very cold when he came to bed.

Fine & cold Wea. TUESDAY 24 58° - 38° Rain .76 56° Ther.

Slept late & woke from dream in wk. I could find no clothes to wear. Soon had house very comfortable. Read the papers & was lazy. Letter from Roberts about their trip to Stanford.

Rose here and fixed many things for the children. Ray here & finished some flowers. He took Rose home at 4³⁰. Fed up town in afternoon. Kept very quiet all day but could feel I was quite excited.

Solitaire was my refuge. & Radio

~~Fair~~

Wea. WED. Nov. 25, 1931 Ther. Cold.

Good night. Fred announced it was moonlight last night & would be full moon to-night. Will Fraley over, he was the one who sent the Mexican candy & he brought one some flowers. Rhea got us some fruit from the store. Rose here & Mrs. Graham brought us a 12 lb. turkey wk. Rose fixed for the oven. I got up while Rose made my bed. Was restless but stayed quiet in bed. Radio & cartoons until 8 30. Children came about 10 & all in bed at 11.

Wea. Cloudy THURSDAY 26 Ther.

Children had beautiful drive down & were not as cold as I expected. Air thin but cool. Molly very tired. Rob. & Ken. looking fine. Felt a little shaky but act. O.K. Ken off on the water early and did not appear until dinner time. Played from dinner & went to ball game with the boys. Take to a movie. Grace & Ruth over for dinner. & we all had good time. I was up at table to dinner back to bed about 3

Anne went to bed early & Robert
about 9 - Wea. FRI. Nov. 27, 1931 Ther.
Molly up with Fred until after 10. Fred
up until nearly mid-night. Ken. took
his chocolate malted milk last night & had
a rest quiet to-day. Lillie came in to ask him
for dance to-night. My head very
wobbly & aching some. I felt quite
depressed & restless. so took to bed
Dr. Dorothy Starka called She has been Mrs
for 4 yrs. Stella Haley Allen visit her. Mr.
Graham here quite a time visited with
the girls - Bob & Ken. out home - Philip Falcon
here with Fred. Robert up town most
all day but nothing doing. Falconers came
for Philip - Wea. Ken SATURDAY 28 out to Ther.
dance - Father & children visited until
10. Molly gave me a good rub down
& I felt better - Sat. 28 Cool
Had thunder storm yesterday. struck
Police Court. wind here up worked
Cook continued. Had good night
Children left about 10 for town -
Dartmouth & S. football game - 5.25 - 6
Rose here & children home about
1. Anne & Molly investigated house.
Anne, Rob. Molly & Ken went to Ryoki for
supper. Paul Edward & family over
in the evening - Came in to see.

Fine

Wea. SUN. Nov. 29, 1931 Ther. Cool.

Children did not get to bed until nearly 11. I nap & offal quantity of T. after a cup of coffee - To breakfast at Ruth's in La Jolla. I had my peppermint early & we rested not sleep after they left. They hope to be in Fresno by 7 to-night - About noon after a nap I collapsed and we need a lot of Nitrite before I responded. Fred called Dr. Newle but I was better. pretty limp the rest of the day bed early.

Wea. Fine MONDAY 30 Ther.

Good nights but very tired and just lazed in bed all day. Miss Bristol over in afternoon. Had a dizzy spell for short time oth. was most uncomfortable. Sat up a little while & lights out before 10. Fred out up reading Nowack papers.

Warmer.

Fine Wea. TUES. DEC. 1, 1931 Ther.

not as good a night. but feeling pretty fair when I awoke. Letter from Robert. Had good rip up & all O.K. Anne resting. People to look at 944. but could not climb the hill. We discussed finances & decided what to do. Will draw out 500. & leave 700 in @ 4%. Rose here & gave me a good lunch. Fred didn't go to Tuesday Club. Didn't get up to-day.

Fine. Wea. WEDNESDAY 2 Ther.

Letter from Irving. No exam. at Civil Service for sometime as there are no vacancies. Fred wrote Robert & sent the letter. I got up about 3. & sat up an hour or more. Mrs. Woodburn in Alice will be 20 on Sat. After coming to bed a little later had pain for quite a time. Nitro relieved it. Soltane until 10. Fred writing letters.

Wea. THUR. DEC. 3, 1931 Ther.

Had fine night & felt pretty frisky in morning. Wrote on accounts & to Molly & children. Rose here. Fred went up town at 12½ and went to bank & saw Mr. Wanguhiem. He advises getting the State Sh. Deed from bank. Fred home about 4. & we listened to radio most of afternoon. Solitaire & bed early.

Wea. Fine FRIDAY 4 Ther.

Another good night. Sent check for taxes & interest. Had bath before lunch. Worked on Christmas cards. Mr. Jennings called & we had a fine visit. Phoned Mrs. Mrau. Fred wrote more Christmas letters. Lizzie's 79th birthday & I had a letter from her. Solitaire & bed early.

Fine Wea. SAT. DEC. 5, 1931 Ther.

Had good letter from Molly Rob. goes to S.F. next week. Miss LaSourette over about 3 & staid until 5. While she was here a box of roses came from Patrick & Rourke & Bertrude arranged them for me. She brought me a box of fruit wh. I shall enjoy. Pretty tired after she left, & went to sleep reading the paper. Rose here to-day busy with Mangler, big wash this week.

Fine Wea. SUNDAY 6 Ther.

Had fine day over radio. Drs. Polling, Cadman & Fosdick all good. Seth Parker back again. Miss Judy & Mrs. Patton called while I was up in chair. Miss Judy brought me some cake. Fred busy writing most of day. Back to bed at 4. Wrote a little. Solitaire & radio. & bed early.

~~Cloudy & thunderstorm.~~

Wea. Fine MON. DEC. 7, 1931 Ther.

Wrote on Christmas cards & made quite a hole in the pile. Fred went to Museum meeting they came for him at 1.20. He went to bank &c. He was back about 4. Did not get up to-day but read & rested all day. Phoned. Mrs. Moran & a few others. Restless in afternoon - Massage made me quite relaxed & I soon was asleep or nearly so.

Wea. Cloudy Rain. TUESDAY 8 Ther.

Rob. Blair phoned he ~~was not~~ paying taxes on L.V. property. I phoned Ethel & she is greatly worried over Rob. he is almost a melancholic. Mrs. Batchelor phoned & told me Bess & her outfit had come back. Also Carrie Bates is at Claremont with an old lady & quite content. Mrs. Manton called & we had quite a visit. Phoned. Miss Rainford about name of cows "Patrick" sent from Tatinian. Phoned Julia Bowman

about her birthday.

Wea. ~~Wed. Dec. 9, 1931~~ Ther.

Fred called Oakley Hall about Navigation to Hawaii for Rob. Phoned Mrs. Beach; Mrs. Beach died Sunday, & he was just leaving for Kansas City. will be back in 10 days. Phoned Miss La Fourette about faint &c. Ray phoned he would not come over to-day. "Jim Bonner" called on Fred. Rose here. Mr. Randall phoned in about State St. deed.

Still raining. Wed. Dec. 9. Cold

Fred went over to see about leaks in 848. I finished my letter to the children.

Wea. ~~THURSDAY 10~~ Ther.

~~Had letter from~~ Molly & Fred. A. ~~Had~~ some pain but relieved by Nitro. Wrote on cards & read in the book "The Edwardians V. Sackville-West" Miss La Fourette brought over for me to read. Did not get up all day. Had quite a lot of pain about 5 P.M. & kept very quiet the rest of day. Some Thursday 10 Clouds & showers.

Wrote a little in morning & read papers. Fred went down to store. Rose here & gave me a fine lunch up after lunch & out in dining

room. Mr. Joshua Bailey over

Wea. ~~Fri. Dec. 11, 1931~~ Ther.

to see Fred & brought me "The Annals" Sept. 1931 of Amer. Acad. Political and Social Science. Patsons of Tomorrow - Mr. Graham called & he & I visited while Fred. talked with Mr. Bailey - Mr. & Mrs. Keyser came to look at house. If they rent their home will take Cottage. Mr. Graham said he was going to send us another turkey. Mrs. Connell of Civic Centre phoned yesterday she was coming over Friday.

Letter from Robert.

Wea. ~~Fine~~, SATURDAY 12 Ther.

Storm has passed and the sun shines brightly. Feels as if snow on mountains. Jane here & mended two flaws on 848 roof & one on 842. Army & Navy football game on. Fred went to store. Got up in afternoon & lay in reclining chair. Call from the Sorrows. John 14 mo. old & quite a boy. Bed early after they left.

Letter from Anne

Wea. SUN. DEC. 13, 1931 Ther.

Cloudy part of day. Cold.

Felt pretty fine. Amused at the report of Civil Service Commission about Police Department. Just a piece of Political Propaganda & to make a big showing for Austin just as he leaves. Went out in dining room after lunch & came back & heard Julius Klein at 4. Sat up a little longer & ready for bed at 6. Radio in evening. Lights out at 9. Mrs Bristol in for a little while. Looked over Xd letters

Snow on mountains.

Fine. Wea. MONDAY 14 Cold. Ther.

Started to write Lizzie in the afternoon but after a phone talk with Paul Edwards I was too tired. so just read & played Solitaire. Fred back & forth up stairs with his sheets. Phoned Mrs. Moran as usual & Ex Mayor Clark & Late Judge Higgins & Mrs. Dunham. Solitaire in the evening. Fred in bed early as he goes to Election Board tomorrow.

Wea. Fine TUES. DEC. 15, 1931 Ther. Cool.

Woke at 3. Clock rang at 5½ Clock. Fred was up & left for the Election Board. I went to sleep & Fred back at 8 & got my breakfast. Rose came about 11³⁰ & was busy until about 4. Fred came up to ~~breakfast~~ lunch. Phoned Mrs. Palmer Mrs. Moran Mrs. Snook phoned about the Civic Centre Meeting next week. Mrs Anna Connell & Mrs. Breckenridge came about 3 & stayed until 5. I enjoyed it & they seemed to

Wea. WEDNESDAY 16 Ther.

Really quite pretty after they left. Fred up about 6. Finished sorting over old letters. Miss Bristol in & brought some flowers. Dr. Neville in about 6. B.P. 168-84. Standing 158-84. Head ached for quite a time after visit to bathroom. All quiet by 10.

Fine Wednesday. Cold.

Fred pretty tired but went down to store. Wrote a letter to Irving about reports of his drinking. Fred wrote. Mrs. Bligh was told me yesterday. I went to home. Mrs. Eigenmann

called & was going to come over but Wea. ~~Thur. Dec. 17, 1931~~ Ther.
called later she could not come. Byrd Teph. phoned she was going to send us a plum pudding for Christmas Archie's 37th birthday but no word from him. Mrs Swick & Mrs. Hanan over in afternoon & we talked of Civic Center of old. Came to bed soon after they left. Fred busy with his shells.

Fine Thurs. Dec. 17. Still cold. Was headachey & stayed quietly in bed & read until I was tired No word from Robert, expect he had Wea. ~~Friday 18~~ Ther.
nothing to write. Rose here & busy until 4.30. Started a little on accounts but did not write long. Wrote to San Quentin but did not send cards this year. Fred went down to Clist to speak about old times on Point Loma

Fine Friday Dec. 18 Warmer hard night. Ill Ricini in morning & kept quiet all day. Fred busy writing. Phoned quite a little. Lights out early.

Some clouds but mostly fine

Wea. SAT. DEC. 19, 1931 Ther.

Slept well. Bad headache when I awoke. Phoned Dr. Hence & she is ill. probably the same as the rest of the family. Mailed all the rest of my Christmas cards. Rose here & cooked up a lot for Sunday & the days following. Vachen here for a call. Gene did not get through his Washington exam. but will try again. She brought me a Christmas glass of Marmalade. No word for children.

Wea. Clouds SUNDAY 20 Ther.

Heard the "Messiah" from Salt Lake Tabernacle at 6 30 A.M. & I had a good nap after it. Breakfast at 10. Miss Bristol in with flowers. Fred phoned Graham to come over & let me exam. with opthalmoscope but I felt badly after lunch & he phoned him not to come. Children arrived about 7 30 - Rob. with bad cold. & Anne very tired. All in bed early.

Shower. Wea. MON. DEC. 21, 1931 Ther.

Anne in bed resting most of day. She came down to dinner. I did not have a very good night. Got up after lunch but head began to ache & kept it up all the rest of day. Grace & Mary Keating over with nuts to send Lizzie. Grace in a peck of trouble. Molly & Rob. took a walk after they left. Fred helped me to bed before they returned. Could not sleep well. All quiet early except Fred who worked on shells until 10. About 3 took Nitro & Allonal and had more air soon after. Wea. TUESDAY ~~22~~ Incday Sept. Ther.

Very tired & head full & aching some. Stuck quietly in bed all day. Rob. took girls to town & brought them home. Then went to lunch with Tom Falconer. He went to P.O. & he found a temporary job to go at 6. He was quite excited about it & had his supper early. Kan started to have a dance in 846 but could not find wire necessary for lights. Four of the boys & Lillis Newell were available & they went to 848 L. after asking Miss Bristol about it. Hope to fix 846 later. Bed at 10. Fred busy with sheets all day. Mr. Warner came over at 8 & we came for Communion on Sunday.

Fine.

Wea. WED. DEC. 23, 1931 Ther.

Rob. home at 3^{15} & soon was asleep. Ken took Anne & Molly up town to finish shopping. I slept well & felt much better in the morning. Fred had letter from Irving. & phoned Bliffers & Middlebrook & wrote again to Irving. Robert down about 1 and seemed much better. Anne & Molly pretty tired from trip & Anne rested in afternoon. Ken busy all day at study, helping clean up & with the boys & had a group at 8^{46} in evening. Gertrude Hadley here in afternoon with Oranges & cookies for Christmas. Told of Mr. Jeffley's wedding to Miss Grace an English nurse. Later Dr. Isaac came in & reported Mr. Read very ill & Molly prepared to go up but phoned & Dr. didn't want her to come. Soon I went to bed with headache. All quiet early. Cards & messages pouring in.

Fine — Thurs. 24 — Cold —

Anne & Molly fixing up for Christmas simple things but looked very pretty. Rose here & helped get ready for tomorrow. Parcels & cards still coming Mr. Graham

came with Turkey - & we cyam his eyes - Molly gone we bath -
Wea ~~Fri. Dec. 25, 1931~~ Ther.
At 3 Sakanoto came & brought a beautiful plant - Rob. came down about 10 but had a nap in afternoon & went to work at 12 for a couple of hours.

Fri. Dec. 25.

Was awakened by a "pajama parade" around the tree singing. We had our stockings on my bed & had lots of fun - Had presents also on my bed Ken being "delivery man" - Such a lot of them - Ken went for Grace at 11. She helped me dress & I went out & sat in big chair in sitting room & was up until ~~Saturday 26~~ after 3. Did not have headache or lie down at all. Ken took Molly to see Dr. Read in afternoon - She is in bad shape but will do nothing - They took Grace home. We heard from Ann Pearson that Charles doing wonderfully well on Supra-renal Cortex - He does not know his condition - Robert had a little time at P.V. last night. All knocked off at 12. He went up again at 2 midnight. Kenneth off with boys in evening. Ann & Molly in bed early. Sharp. hard rain about 3 P.M.

Sat. Dec. 26

Wea. ~~Sun. Dec. 27~~ 1931 Ther.

Felt pretty tired & staid in bed all day. Robert home at 6 & will go back at 6 to see if there is any more work for him. Fed up town at 11. Spice to meet him & he will go with & see Spiceas shelter. Ken did some studying & off after lunch. More letters & cards. & pkgs. Rose here & worked. Phoned Dr. Marjorie. Molly coaxed me to get up & I went out in dining room for a time. Molly & Rob. went for a walk & after a while I went to bed. Ken. Have Marjorie [illegible]

~~Wea.~~ ~~Monday 28~~ ~~Ther.~~ ~~up at 8 & 6 in evening.~~ Anne & Rob. to bed early.

Sunday. Fine & Cool Had. Church over radio but no one in with me. Think they heard it in other room. After lunch Anne & Rob. went up to Byrds. Fred hunting over old papers & I read the papers & looked over diaries. Bed about 6. Wrote note to Civic Centre for Tuesday. Solitaire & radio until 9. Practice & bed.

Rainy. Wea. ~~Tues.~~ ~~Dec. 29,~~ Now Dec. 29 1931 Ther.

Big storm all over the State. Rob. drove Anne & Molly to town & they all went to lunch with Alsa Haines. Wm. Bert in naval Hospital with Shingles & mentally disturbed. Rose came up & cleared up as she is to go to San Jose with Wm. Fernandez brother. I was all in when I awoke. Pains above & weak. Did not want to move & just lay still. Took Nitro & Strychnia & finally had a nap. Felt some better after lunch. Children home about 3. & Fred & all played Rummy. Kenneth studying & reading. I began

Clearing. Wea. ~~WEDNESDAY 30~~ Dec. 29 Ther.

Slept well until 3 A.M. after which I lay awake & thought & thought until around 7. Felt better than yesterday but not much, if any. Rep. Anne went to see Dr. Poole yesterday & she went in today for blood comb. & got her medicines at Stahlmanns. Molly went with her. They were all home to lunch. I did a little work on old diaries for Fred & listed Christmas presents. Rob had quite a little asthma & Fred gave him codeine pills. worked well.

Rented Cottage for Mr. Kelly

Wed. Dec. 30

Wea. ~~THUR. DEC. 31, 1931~~ Ther.

Felt better when I awoke. Robert went up town & lunched with Tom Faulconer home about 4. He saw a number of people. Molly & Anne cleaned house. I went on the porch & stayed until lunch time when I put on wrapper & went out in big chair. Day quite lively. Finished reading Molly's book. Children packed up to start early for San Pedro.

Thur. Dec. 31.

Awoke at 6 & children stirring both at 7. They reported Molly with sick headache so they will not go until to-morrow. Jackie day phoned Edith Dwyer for Mrs. Hamilton & later she drove him down & Fred went out to speak to him. It was his 84th birthday. He knew Fred at first, but later asked for the doctor. Robert, Anne Byrd & her friend went to San Pedro. Molly sent word to Mrs. Muckleland she could not be with her to-day. Kenneth went with the boys but back o

Letters - written -

NOTES FOR 1932

Jan.
1. Sam & Union (Fed)
2. Molly -
Lillie Gray.
4. Robert & Anne.
Molly - Fred
Fred Stephens (C)
Grant - Fed.
5. Lizzie
9. Molly. Fred
Annie B. "
H.S. Grant IV "
12. Molly.
13. " - Fed
Archie "
16. Robert & Anne
17. Lizzie
John Ward (C)
18. Multnomah Lumber & Box Co.
P.O. Box 769 - Portland. Oregon.
In re - Geo. Meyer.
Charles.
19. Mr. John Deachman
21. Annie B. Fed -
Molly.
22. Hellen Lance.
Pane Nittington
Beverly Clark
Ada Reichard.
E. LeB. Waters II
} Birthdays.
26. Lizzie
29. Molly
Mrs. Buffum
30. Anita Ull.
Inuga. Sam.

Feb. 2. Linnie Brooks.
4. Picture puzzle
Alan Evans Mgr.
427 W. Randolph. Dept 575
5. Lizzie
Mrs Gardner
6. Jim Noonan
10. Mrs. Redarick
12. Molly.
Hans Barkan
Maud Riggle } Fred
13. Mrs. Hinds
Mrs. Frost
Mrs. Fairbrother } C.
16. Mr. Bowers
H. LeB. Waters Jr.
Molly.
17. Helen Moss.
Mr. Strong (Fred)
C. G. Manley
Joe Schaffer.
18. Lizzie
23. Jim Shaw
Zetting
Harper.
27. Mrs. Ellis
Kate Abbott.
Lizzie
28. Mrs. Hoffman
Robert King.
Mar. 1. Molly
Anne Pennock - Fed
Ed. Hodge.
Ed. Hastings Hill
Annie Brooks. Fed
2. " " C.J.B.
8. Molly
9. Lizzie.
Stella Rankale
12. Flood & Joy
U.S. Civil Service

ADDRESS

14. Molly
Mrs Scripps
Mary Hodge
Mrs. Davison
16. John Rogerson
Chester Gunn
19. Anne & Rob.
Lizzie
20. Mr. Rife for Robert.
D Hotel Bonaventure -
Rob & Anne
23. Molly.
24. Laura Webster
Rob. & Anne
Rev. Perry Austin
25. ~~Francis C. Rogerson Jr.~~
26. May.
~~Francis Rogerson Jr.~~
31. Molly
Apr. 1. Portal & Lizzie
" 4 Brownawell.
" " Harriet Taylor.
" 6 Maude
Molly
Ray Dodson (C) ✓
" 7. Anne
" 9 Jane Marie Gillman.
" 13 Annie Brooks. Fred.
Lizzie
Anna.
" 14. Mrs. Rustarick
Mrs. Elio. Burnor Davis.

TELEPHONE

17. Eric Alan Baker
16. Anne -
17. Molly
18. "
21. Harper. (Fred)
23. Portal. Lizzie
25. Dr Call.
28. Molly.
Katharine Baker
May 3. Annie Brooks
Molly
May King.
5. Annie Brooks
9. Molly
Mrs. Meyer
10. Lizzie
12. Mrs Sullivan (C)
13 Mrs. Mills
14. Annie Brooks
13. Franco Rogerson
15 Betty Baker
Dr. Brown
16. Dr. Call.
17. Molly
18. Mary Page.
19. Whitfield Kimball
Robert M. Milton
20 Stella Kinkade
Portal - Lizzie
21. Minnie Pomeroy.
Annie Haynes
22. Lewis R. Haynes
Molly
26 Grace.
Annie Wells
27. Annie Brooks
Myrtle Barber (C)
Mr. Red Nunn (C)
(over)

Dead

May 29.

Read Baker ADDRESS TELEPHONE

H. J. Waters Jr.

June 1.

Molly

Fanny Carking.

Lizzie

2. Mrs. Rectanus.

3. 4 letters forwarded

Judge Andrews (C)

Mr. McKee (C) ✓

4 Barbara Rogerson.

Clover.

5 - Children.

9. Anne -

Annie B. (Fred)

10. Marjorie Baker

Mr. Robt Neth

Wilmoth Baker.

Lizzie

13. Molly.

15. Anne.

Molly. ✓

12 Mrs. Cochran (C)

19. J. B. Mcodemus

Molly

Lizzie

Sen. Harper (Fred)

23. Mr. Stanton ✓

Alice Cox.

Anne.

25. Lizzie

26. Maupline

Anne.

July 1. Annie B (F&C)

Dr Aryan

John Baker

" 6. Anne Shrock

Lizzie - Pastor

July 6. Mrs. Davis (Penna)

" 9. Anne

Ben Kimbrace

Winthrop Haynes

" 10 Puzzles to "Antiphlogistin"

" 14 Mrs. Hardy (C)

13 - Mr. Beemmel -

Notebook Mr. Moore

14. May Malone 14th ✓

Robert.

15. Annie B (Note)

14. Lizzie - postal

Jessie } Fred.

Robert }

15 Eleanor King

Helen Rogerson

Eleanor Waters

20. Fred - at Quincy

Anne.

21. Anne

Eliz. Waters.

22 Joe Schaffer.

23. Clover

Philip.

24. Hetty.

Cora Levin

29. Lizzie

John Bugeman

May Malone

Avery Helen

Archie - (Fred)

Aug 1. Emma Call -

Eliz Burton

Mrs. Mcodemus

3 Carrie Wills (7)

4. Veh. Bureau Anna

Lizzie Fred.

6. Adrian Rogers

Charles E. Rogers

ADDRESS	TELEPHONE
8. Charles M. Rogerson	Archie - Fred
9. Phil Rogerson. King.	13. Molly. "
10. Lettie Waters	Jen. Bertrade (Below)
Mr. Amazon.	Meeks - Fred
13. Liz. Burns Davis.	11. Lizzie - Fred
Lizzie	15. Papa & Molly
Mrs. Arnold (C) ✓	Rob. Slocum
14. George Myers	Pkg. & " Anne
Miss Bedsworth.	16 Molly & Anne -
17 Dr. Austin (C) ✓	Etta Wilkerson - Fred
18. Archie (Molly)	Helen Welch } Anteloid
20 Helen Mars.	A. E. Marey } Returned
Jerine Smith.	17. Anne - Fred
19. Phil. Irving - Fred.	18 Robert.
21 Sybil Radcliffe	Molly
22. Annie B (Fred)	Mrs Blackwell.
24. Lizzie	19. Cora Lewis
Howell	Archie - Fred
26 Maggie Doty	20 Molly. "
Robert.	22. Anne
Molly.	Lizzie. Fred
31 "	Mr. Wm. Robinson (C)
Archie (Fred)	Dr. Pilsbry.
Sept. 1. Robert.	Lizzie (C)
" 2. Lizzie	Anne.
Harry Waters.	23. Mrs. Meyer
3. Molly letter & Anne	Mr. Jordan
4. Anne -	Kenneth.
Ken (Father)	27. Anne } Fred.
Clara.	Annie Brooks }
5. Robert	28. Robert.
Molly	29 Molly.
6. Wintrop.	30. Hannah Smith
Letter & Sun (Fred)	Lizzie
7. Stella Kinsade.	29 Charles } Fred
Anne.	Mr. Bowman
8 Molly	Oct 1. " Jack Swenson
Robert. (Fred) 11th	Mr. Miller (C)
	Oct 3. Robert } Fred
	Anna }
	" 5 Emma Mirth
	Fred. Br. Mary Better
	Ann Pelham

Oct. 5. Sharpe & Dohme. Benzpleto - (Fred)

		ADDRESS	TELEPHONE
"	7	Anne Baker - Molly	
"	8	——— Lizzie	Nov. 9. Phil Swing (Fred)
"	"	Molly (Fred)	Dr. Kellogg "
"	8 8	Robert	" 10 Gertrude Hacley.
"	10 9	Anne	Don Robertson
"	10	Molly	" 5.
"	14	(Robert.	" 11. Robert,
"	15	Mrs. Ella Sheldon	Lizzie
"	16	Ethel + Dick Miller	" 12 Grace.
"	"	Anne	" 13. Molly.
"	"	Robert (Fred)	" 15 Anne + Rob.
"	18	Lizzie "	" 20 Larry Campbell
"	19	Molly "	Mrs. Ironan
"	"	Robert	Jean Ellen Baker
"	"	J.A.D.	Mrs. Webber
"	24	Molly.	Martha Rogerson
		Dr. Kellogg - Fred.	Molly + Arthur.
"	25	Carrie Bates	Lizzie
		Dr. Ironan	" 21 Children.
		Mrs. E. W. Oakley } Fred.	Lizzie - Fred.
			" 28 - Lizzie.
			Dec. 2 Robert. Fred
"	26.	Robert.	" 3. Francis King.
"	"	Lizzie	Children.
"	27	Molly & Anne.	" 8 Mrs. Lynch.
		Mr. Vacher.	" 9. Molly & Anne
"	"	Anne. Mch.	Robert.
"	28	Annie Brooks.	12. Anne
"	"	Carrie Bates	14 Anne B. - Fred
"	29.	Elace Allman Post.	Eleanor Partridge C.
"	30	Molly.	15. Lizzie.
Nov.	3.	Lizzie	16. Grace.
"	5	Anne	22 Postal. To Lizzie
		Lizzie	23 Swing - Fred
		Leonora Cushing	31 Tom Shearer
			Fred. A.
"	6.	Robert.	Betty Webber
"	8	Molly	
		Mrs. Fishel (C)	
		Mrs. Spade (C)	
"	9	Ivy	
		Isabel.	

Address	Telephone

ADDRESS TELEPHONE

ADDRESS TELEPHONE

(Austin's) Account for this year.

ADDRESS TELEPHONE

Austin asked resignations Apr. 20 when I phoned him about re-appoint Brunnock. Apr. 20 - called in office & again asked resignation. We had written congratulations April 11 & offered co-operation etc. April 29. Again asked resignation. Sent one letter with proposed letter to Council enclosed. Apr. 26 Mr. Austin and Mr. Morrow in office. " 24 he called De Angeo & wanted him as witness that I was very active politically in campaign. A personal charge. May 4. Letter read to Council - Unanimous confirmation - Mayor suggested hearing Russo minister with & it was appointed for Friday, May 8. No investigation by anyone. Mrs. Dunham dummed up a crowd. Mr. Telford downed a spoke well. Crowd enthusiastic. Decision to be given. Monday, 11th Came in afternoon and was unanimous for Mayor wish - United, legally but most unjustly. May 13th appointed Col. Huey & Wayne Wood as Commissioners. New Police organization & training Civil Service rules. May 14-15 - May 9. Mrs. Bleikus had call again threatening to blow her brains out. May 15. Council held Star Chamber Session on Manager & much criticism.

May 19. Commissioners held a each session ask for Mrs. Moran's resignation - no reason given & no thanks given for past services.

Economies mostly in outdoor parts. not in Police or Administration - 6 new police - 4 new prowl cars - Changes in health dr. New Auto for Mayor - Changes in City Hall quarters - Trip for Millar - May 20. Mrs. Moran resigned and other changes contemplated - Settle the new Secy. no experience. Old complaints wh. had been adjusted handed out but not investigated.

May 24. Hear that City Attys. deputies to have increased salaries - Atty. Stroop. have to Mayor's Secy. work for him. wh. is a pretty heavy job. May 26. We hear letter of Advisory Citizen's Council from Mayor Austin that day. June 1. Austin has given the old complaints into the new Commission hands without investigation nearly if not all had been settled long ago - Harmony at Council meetings gone. Trouble over Harbor Commission. Police Chief only asking for same equipment older Chiefs have asked for. Every effort being made to get Police out from Civil Service - June 10 - cut causing lots of trouble. Council have made no cut in over budget - (Over two pages)

Magazines

NOTES

Asia - Self & Annie - XII-31
Atlantic. Fred - 1.32
" Mody. 1, 32
Harpers & Survey VIII-31-VII-32
Woman Citizen VIII-31
Social Hygiene 1. 31
A. M. A.
Jr. M. A. 1. 32
Readers - Digest XII. 31
" " Robert. XII. 31
International Phrenomen. 1.30 X
Nautilus - Fred. 7.30.
Journal of Conchology.
Nat. Geog. 1. 32.
" " Self. 1. 32.
Rev. of Rev. 1. 32.
Lit. Digest. - 17 weeks - for 1st

Insurance Expiration

Company	Amount	Premium	Expires
Pd.	6.00	Oct. 7. 30.	Oct. 2. 1931
"	3.75	Mrd. 27. 30	
"	3.75		
"	6.00	July 8. 30 — Pd 6.25	June 30 31
"	2.50	Aug. 29.	Stopped Publishing.
"	2.00	Jan. 9. 30.	
Pd.	3.00	Jan. 20. 31	
"	2.50	Mrd. 27. 30	
"	2.50	" 27. 30	— Renewed Dec. 11. 31 Pd 2.75
Pd	3.00	Mrd. 4-30	
"	3.00	Dec. 2. 30	
"	2.75	Mrd. 27. 30	

Council & Mayor &c. continued -

NOTES AND BILLS

Date	Drawers	Time

See Clippings from papers for reports.

July 10-31 Very little publicity about Civil Service but many appointments seem to made without stating "subject to Exam". & a number discharged apparently with no notification to Civil Service & no cause given.

RECEIVABLE

No.	Where Payable	Due	Amount
	Thanksgiving	Nov. 26 - 30	Fresno Vacation
	Christmas	Dec 19 - Jan. 3	
	Spring	Mch. 26 Apl. 3	
	End.	June 10.	

Notes and Bills

Date	To Whom Given	Time

Payable

No.	Where Payable	When Due	Amount

CASH ACCOUNT—JANUARY

Received			Paid		
Grace	2	95	Walker-glasses		
Gamder	5				

Cash Account—January

	Received			Paid
5	Grace	~~2~~	~~95~~	Walter's glasses
	"	(4	10)	Phone &c.
9	State St.	8	25	Acct. Dec.
	Bristol	(3	85)	Gas & Elect.
	Woodward	15		Rent 848 L
	"	(1		Water
	"	(3	74)	Gas & Elect.
	Oakley	7	75	Dec Rent to Jan 1. 848 M
16	Harris	3	00	" Garage to Feb. 1.
	Robertson	25		Rent 844
	"	(1)		Water
	"	3		Garage
	"	(6	92)	Gas & Elect.
19	Bristol	25		Rent 848 M
	"	(1)		Water.
28	Oakley	~~5~~	~~30~~	Bal Rent to Jan. 8. 848 M
		7	75	
		94	75	
19	Oakley	(5	14)	Gas & Elect. Dec.

Cash Account—February

Received				Paid		

CASH ACCOUNT - FEBRUARY

	Received				Paid
1	Luck	30.		✓	Rent 846
	"	(1)			Water
5	Oakley	7	75	✓	Rent. 848 D Jan 15
"	"	(4	76)		Gas & Elect.
8	Bristol	(3	99)		" "
	State St.	54	90	✓	Bal. Dec. & Acct. Jan.
12	Wrotham	15.		✓	Rent 842
	"	(1)			Water
	"	(3	67)		Gas & Elect.
19	Oakley	7	75	✓	Rent 848 D & Jan. 29
11	"	7	75	✓	" " " 22
21	Bristol	25		✓	Rent. 848 M.
1	"	(1)			Water.
27	Oakley	6	50	✓	Rent 847 D. & Feb. 8
	Robertson	25		✓	" 844
	"	(1)			Water
	"	3		✓	Garage
		17	69		Gas & Elect.
		182	65		
25	State St	40			On Acct. Feb.
		222	65		

Cash Account—March

	Received			Paid
12	Kerr's Choice	6	15	
25	Eastern Lodge Rec	1		
		7	15	

Cash Account—March

	Received			Paid
1	Lueck	30		Rent 846
	"	(1)		Water.
9	"	(14	57)	Gas & Elect.
9	Workum	15		Rent 848 L
	"	(1)		Water
	"	(3	42)	Gas & Elect.
10	Bristol	(3	64)	" "
12	Anne	~~37~~	~~74~~.	
	"	44	25	1/2 Exp. for Feb.
	State Sh.	14	40	Bal. for Feb.
16	Robertson	25		Rent ~~847~~
	"	(1)		Water
	"	3		Garage
	"	(6	77)	Gas & Elect.
	Grace	100		Lift.
21	Bristol	25		Rent 849 M
		(1)		Water
	State Sh.	35	40	Bal. for 860
		292	05	

CASH ACCOUNT—APRIL

Received				Paid		
11 Harlinp	4	00				

CASH ACCOUNT—APRIL

	Received			Paid
1	Lusk.	30		Rent. 844
	"	(1)		Water.
	Anne	21	07	Bal. 1/2 Exp. March
	"	30		Stamps. (Molly)
	Lusk.	(5	38)	Gas & Elect.
9	Woodman	15		Rent 844L
	"	(1)		Water
	"	(3	28)	Gas & Elect.
	Fred.	7		Elections
	Bristol	(3	50)	Gas & Elect.
8	Note	500		Bal. & Int. 7%
18	Robertson	25		Rent 844
	"	(1)		Water
	"	3		Garage
	"	(6	24)	Gas & Elect.
	Note.			
27	State St.	54		
26	Clarkey	5		Bal. Gas & Elect.
		5190	07	
	Bristol	25		Rent 846 M.
	"	(1)		Water.

Cash Account—May

Received				Paid		

CASH ACCOUNT—MAY

	Received				Paid
6	Wrotham	15			Rent 848 L
	"	(11)			Water
	"	(3	80)		Gas & Elect.
	Bristol	(3	69)		" "
10	Luck	(2	87)		" "
	"	30			Rent 846
	"	(11)			Water
	Anne	1	06		Telegrams
	"	1	65		Milk & Cream
18	Robertson	25			Rent 844
	"	(11)			Water
	"	3			Garage
	"	(7	27)		Gas & Elect.
21	Bristol	25			Rent 848 M
	"	(11)			Water
26	State St	53	40		
31	Anne	28	75		Bal. 1/2 Expense
		182	86		

Cash Account—June

Received			Paid		

CASH ACCOUNT—JUNE

	Received			Paid
3	Lusk	30		Rent 846.
	"	11		Water
4	Oakley	4		On Rent. Bal due 15.50
	Election	6		
	Woodson	15		Rent 848 Lower
	"	11		Water
	"	13	09	Gas & Elect.
7	Bristol	13	21	" "
15	Lusk	14	47	" "
	Snyder	42	85	Coins
	~~State St~~	53	40	
	Bristol	25		Rent 846 N.
	"	11		Water
		176	25	

CASH ACCOUNT—JULY

	Received				Paid		
22	Mairn	14	50				

CASH ACCOUNT—JULY

	Received				Paid		
1	Robertson	25		✓	Rent 844 for June		
	"	(1)			Water		
	"	3		✓	Garage		
	"	(4	47)		Gas & Elect. " May		
	"	6	53	✓	Un Rech. " July		
3	Lusk	30		✓	Rent 846		
	"	(1)			Water.		
14	Clarkley	3	00	✓	Un Rech. Bal. 12 50		
	Woodman	15		✓			
	"	(11)					
	"	(3	20)				
14	Mosby	2	00	✓	For insurance.		
22	Clarkley	(5	00)	✓	Un Rech - Bal. 7 50		
29	State St.	40		✓	860 for July.		
	Bristol	25		✓	Rent 848. N		
	"	(11)			Water		
		154	53				

Cash Account—August

Received				Paid		

CASH ACCOUNT—AUGUST

	Received		Paid
3	Lusk	(4.04)	Gas & Elect. - July
	"	30	Rent 846 -
3	Robinson	27 84	Rent 844 - July Bal
	"	12.16	" " On Acct. Aug.
6	W. A. Mink	12	" Room 848 N. to Sept. 6
10	State St.	12 80	State St. for July Bal.
11	Moorhouse	15	Rent 848 - L
	"	(1)	Water
	"	(2 50)	Gas & Elect.
	Lusk	(3 66)	" " Aug
	"	(1)	Water.
21	Bintel	25	Rent 848 M.
	"	(1)	Water
	"	(2 94)	Gas & Elect.
23	Moody	15 17	Balance.
		149 97	

Cash Account—September

Received				Paid		

CASH ACCOUNT—SEPTEMBER

	Received			Paid	
2	Robertson	22	87	Balance.	
	"	(1)		Water	
	Garage	3		Garage.	
	Robertson	13	15	On Acct.	Bal. on acct M.87
3	Lusk	(3	84)	Bal. Gas & Elect.	
4	Stalcup	53	20	For August.	
8	Wrenham	15		Rent 848L	
	"	(1)		Water	
	"	(1	89)	Gas & Elect.	
	Bristol	(2	03)	" "	
10	Wink	12	00	Rent 848U	
	"	(1	33)	~~Water~~ Gas & Elect.	
	Anne	8	19	Rebate on light Anne	
21	Bristol	25		Rent 848-M	
	"	(1)		Water	
		152	39		
	Bal. Rent	17	87		
	Gas & Elect	6	04	} Don Robertson.	
	Water	23	91		
		1			
		24	91		

Cash Account—October

Received				Paid		

Cash Account—October

	Received			Paid
2	State St	50	40	For Sept.
5	Molly	5		" water bill.
9	Museum	4	84	" Journals.
	Workman	15		Rent 848 L
	"	(1	1)	Water
	"	(2	26)	Gas + Elect.
10	Bartol	(2	7)	" "
22	"	12	50	Rent 848 M. to Nov. 4
	"	(50)		Water
29	"	12	50	Bal Rent to Nov. 21
	"	(50)		Water.
	Bank	304	50	From Certificate + Int.
		465	14	

Cash Account—November

Received				Paid		

CASH ACCOUNT—NOVEMBER

	Received				Paid		
4	State St	49	26		For. Wch.		
	Anne	10			Various items		
9	Woodland	15			Rent 848 L		
	"	1	11		Water		
	"	12	73		Gas & Elect.		
	Klauber	1	65		Book -		
	Molly	15			For Recd.		
19	State St	40			Rent 860.		
21	Bristol	25			Rent 848 M		
	"	1	1		Water.		
		154	26				

CASH ACCOUNT—DECEMBER

Received				Paid		
Mrraw	15	00				

CASH ACCOUNT—DECEMBER

	Received				Paid
3	Bank	500			Form Certificate
	Int.	24			of deposit.
	State St	8	65		Bal. for Nov.
	Molly	15			For accounts.
20	Bristol	25			Rent 848 M.
	"	(1)			Water
	Workmen	15			Rent 848 L.
	"	(1)			Water
		(2	39)		Gas & Elec.
29	Randolph	20			Rent 844 to Jan 29
		607	65		
31	State St.	30			Cr. Acct. 20. + 10.
		637	65		

Summary

	Received		Paid	
Cash on hand Jan. 1				
	5	14	Paid ~~5.14~~	
January	94	75	7	95
February	222	65		
March	292	05	7	15
April	5 190	07	4	
May	182	86		
June	176	25		
July	154	53	14	50
August	149	97		
September	152	39		
October	405	14		
	~~154~~	~~26~~		
November	154	26		
December	637	65	15	
Total	7 817	81	48	60
Balance to new account				

X171

CALENDAR

1932	SUN.	MON.	TUES.	WED	THUR.	FRI.	SAT.
JAN.	..	..	..	.	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31	..	..	..	..	..	..
FEB.	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	..	..	..	..	..
MAR.	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	..	..
APRIL	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
MAY	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	..	..	..	..
JUNE	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	..	..

1932	SUN.	MON.	TUES	WED.	THUR.	FRI.	SAT.
JULY	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31	..	..	..	..	..	..
AUG.	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	..	..	..
SEPT.	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	..
OCT.	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31	..	..	..	..	..
NOV.	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	..	..	..
DEC.	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31